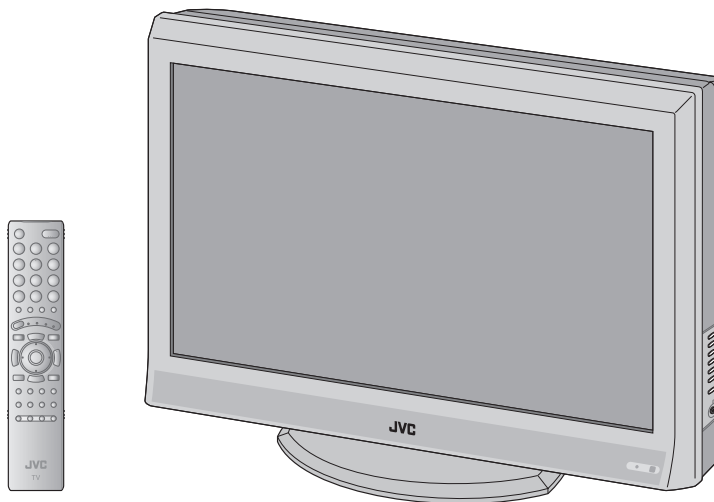


JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

**LT-37R70BU, LT-37R70BU_{/B},
LT-37R70BU_{/P}, LT-37R70BU_{/Q},
LT-37R70SU, LT-37R70SU_{/B},
LT-37R70SU_{/P}, LT-37R70SU_{/Q}**



BASIC CHASSIS

FL3

DynaPiX **HD**
Powered by D.L.S.E.

T-V LINK

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

HD
ready

TABLE OF CONTENTS

1	PRECAUTION	1-3
2	SPECIFIC SERVICE INSTRUCTIONS	1-6
3	DISASSEMBLY	1-10
4	ADJUSTMENT	1-16
5	TROUBLESHOOTING	1-21

SPECIFICATION

Items		Contents
Dimensions (W × H × D)		91.9 cm × 64.9 cm × 31.1 cm [Included stand] 91.9 cm × 60.4 cm × 128.0 cm [TV only]
Mass		22.7 kg [Included stand] 19.8 kg [TV only]
Power Input		AC220V - AC240 V, 50 Hz
Power Consumption		153 W (Standby: 0.5 W)
TV RF System		CCIR B/G, I, D/K, L
Colour System		PAL / SECAM / NTSC 3.58 / NTSC 4.43 (NTSC: EXT only).
Stereo System		A2 (B/G, D/K), NICAM (B/G, I, D/K, L)
Teletext System		FLOF (Fastext), TOP, WST (World Standard System)
Receiving Frequency	VHF UHF CATV	47MHz to 470MHz 470MHz to 862MHz 116MHz to 172MHz / 220MHz to 469MHz
Intermediate Frequency	VIF SIF	38.9MHz(B/G, D/K, I) 33.4MHz(5.5MHz:B/G) / 32.9MHz(6.0MHz:I) / 32.4MHz(6.5MHz:L,D/K)
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 3.58MHz / 4.43MHz
Teletext System		FLOF (Fastext level 2.5), TOP, WST(World Standard system)
LCD panel		37V-inch wide aspect (16 : 9)
Screen Size		Diagonal : 94 cm (H: 82.0 cm × V: 46.1 cm)
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)
Audio Power Output		10 W + 10 W
Speaker		16.0 cm × 4.0 cm, Oval type × 2
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial
EXT-1 / EXT-2 (Input / Output)		21-pin Euro connector (SCART socket) × 2
EXT-3 (Input)	S-Video Video Audio	Mini-DIN 4 pin × 1 Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286 V (p-p) (Burst signal), 75 Ω 1 V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500 mV (rms), High impedance, RCA pin jack × 2
EXT-4 (Input)	Component Video 750p / 1125i 625p / 525p / 625i / 525i Audio	RCA pin jack × 3 Y : 1 V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1 V (p-p), Positive (Negative sync provided), 75 Ω Cb/Cr : 0.7V(p-p), 75 Ω 500 mV(rms) (-4dBs), high impedance, RCA pin jack × 2
EXT-5 (HDMI Input)	Video Audio	HDMI 2-row 19pin connector × 1 (Digital-input terminal is not compatible with picture signals of personal computer) Digital: HDMI 2-row 19pin connector × 1 Anarog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2
PC (RGB) Input		D-sub 15 pin × 1 R/G/B : 0.7 V (p-p), 75Ω HD / VD : 1 V (p-p) to 5 V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz)
Audio output		500 mV (rms), Low impedance, RCA pin jack × 2
Headphone		3.5 mm stereo mini jack × 1
Remote Control Unit		RM-C1900S (AAA/R03 dry cell battery × 2)

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (\perp) side GND, the ISOLATED (NEUTRAL) : (\equiv) side GND and EARTH : (\oplus) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

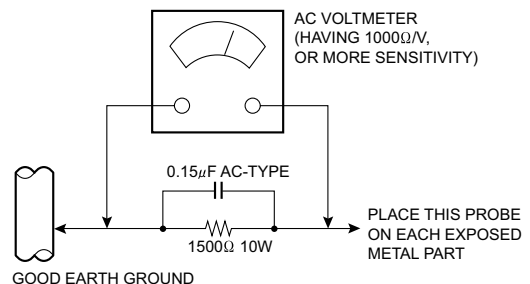
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

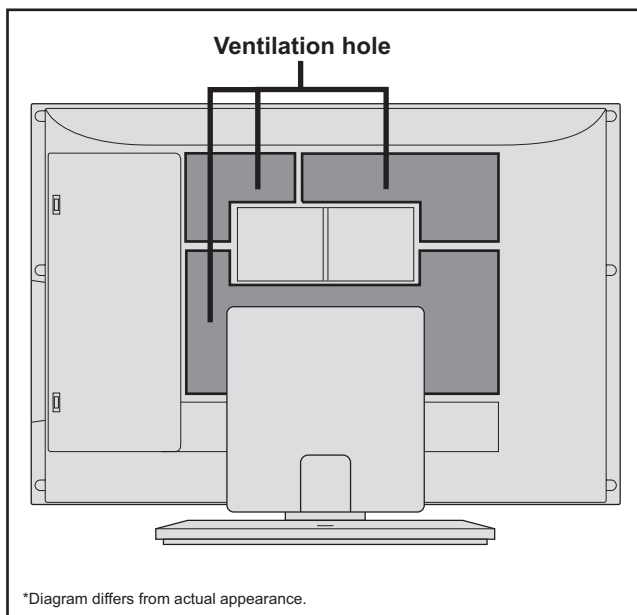
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000 Ω per volt or more sensitivity in the following manner. Connect a 1500 Ω 10W resistor paralleled by a 0.15 μ F AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

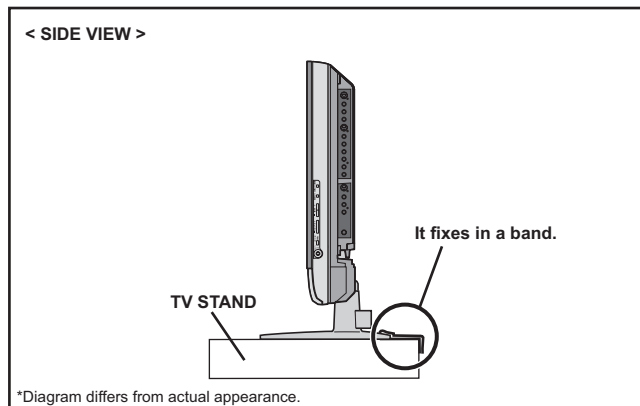
1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.



1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

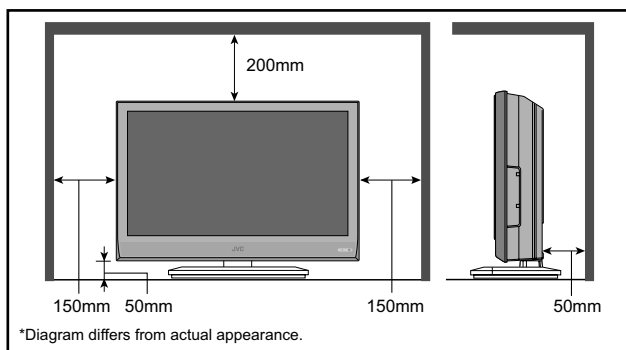
When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.2.2 INSTALLATION REQUIREMENTS

Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



1.3 HANDLING LCD PANEL

1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) **USE A SPECIAL PACKING CASE FOR THE LCD PANEL**

When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) **ATTACH PROTECTION SHEET TO THE FRONT**

Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) **AVOID VIBRATIONS AND IMPACTS**

The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) **DO NOT PLACE EQUIPMENT HORIZONTALLY**

Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

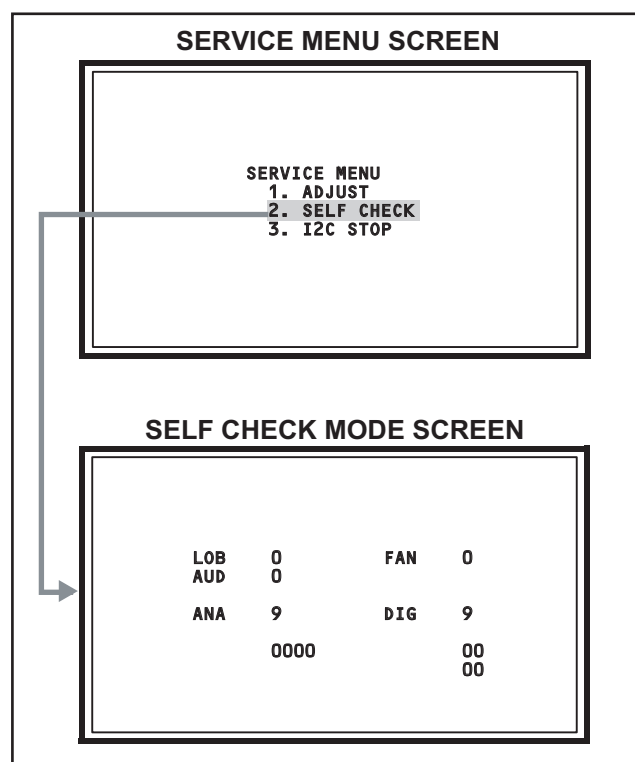
SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 SYSTEM SETTEING

Be sure to carry out the following operation at the end of the procedure.

- (1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
- (2) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
- (3) Turn off the power by pressing the **[POWER]** key on the remote control unit.



2.2 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

Colour Management

This function ensures dull colours are compensated to produce natural hues.

Picture Management

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

Smart Picture

This function detects the APL (Average Picture Level) and adjusts the contrast suitable for what you are watching.

DIGITAL VNR

This function cuts down the amount of noise in the original picture.

MPEG Noise Reduction

This function effects the block noise removal and mosquito NR simultaneously.

3D Cinema Sound

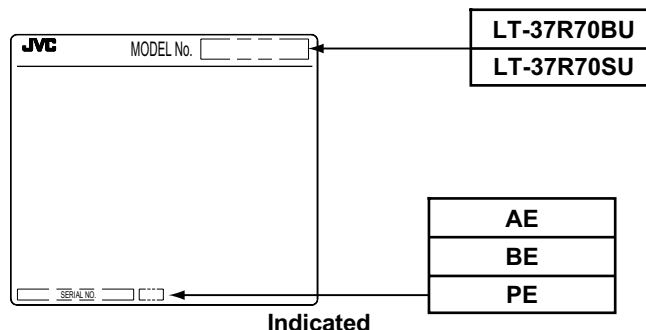
You can enjoy sounds with a wider ambience.

2.3 MAIN DIFFERENCE LIST

Item	LT-37R70BU	LT-37R70BU/B	LT-37R70BU/P	LT-37R70BU/Q	LT-37R70SU	LT-37R70SU/B	LT-37R70SU/P	LT-37R70SU/Q
Paint colour	Black	←	←	←	Silver	←	←	←
INST BOOK for Eastern Europe	YES	NO	YES	NO	YES	NO	YES	NO

2.4 HOW TO IDENTIFY MODELS

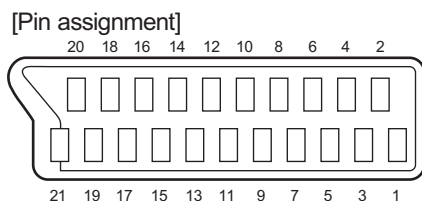
Except "/P" and "/B" models : "AE" is added to the serial No. after at the Rating label.
 "/B" models : "BE" is added to the serial No. after at the Rating label.
 "/P" models : "PE" is added to the serial No. after at the Rating label.



2.5 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal), High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal), High impedance	Used (L1)	Used (L2)
7	B input	700mV _(B-W) , 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	700mV _(B-W) , 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	1V _(P-P) (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	1V _(P-P) (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)



2.6 TECHNICAL INFORMATION

2.6.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.6.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications
Maximum dimensions (W × H × D)	877 mm × 516.8 mm × 55.5 mm
Weight	10.5 kg
Effective screen size	Diagonal: 940 mm (H: 820 mm × V: 461 mm)
Aspect ratio	16 : 9
Drive device / system	a-Si-TFT active matrix system
Resolution	Horizontally 1366 × Vertically 768 × RGB < W-XGA > 3147264 dots in total
Pixel pitch (pixel size)	Horizontally: 0.2 mm, Vertically: 0.6 mm
Displayed colour	16777216 colours 256 colours for R G and B
Brightness	500cd/m2
Contrast ratio	800 : 1
Response time	9 ms
View angle (Horizontally)	178°
View angle (Vertically)	178°
Surface polarizer	Anti-Glare type Low reflective coat
Colour filter	Vertical stripe
Backlight	Cold cathode fluorescent lamp × 20
Power supply voltage in LCD	12 V
Power supply voltage in inverter	24 V
Panel interface system	LVDS (Low Voltage Differential Signaling)

2.6.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.6.2 MAIN CPU PIN FUNCTION [IC7301 : DIGITAL PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	TCK	O	Test purpose	65	D2	I/O	Program ROM data for main CPU
2	TMS	I	Test purpose	66	D12	I/O	Program ROM data for main CPU
3	TDI	I	Test purpose	67	D10	I/O	Program ROM data for main CPU
4	TDO	O	Test purpose	68	VSS33	-	GND
5	P2.8	O	TV, Subtitle/OTHER	69	VDD33	I	3.3V
6	P2.9	O	Blue for OSD	70	D4	I/O	Program ROM data for main CPU
7	P2.10	O	Blue for OSD	71	D3	I/O	Program ROM data for main CPU
8	P2.11	O	Blue for OSD	72	D11	I/O	Program ROM data for main CPU
9	P2.12	O	Blue for OSD	73	RSTIN	I	Reset
10	P2.13	O	Blue for OSD	74	POWER	O	Sleep state release for chassis CPU [Release : L]
11	P2.14	I	TV-LINK	75	P3.1	O	DM_RESET(IDTV)
12	P2.15	O	Request for chassis CPU communication	76	REMOCON	I	Remote control
13	VSS33	-	GND	77	P3.3	I	Clock for OSD
14	VDD33	I	3.3V	78	P3.4	O	Red for OSD
15	P4.5	O	TV-LINK out	79	P3.5	O	Red for OSD
16	A20	O	Program ROM address for main CPU	80	P3.6	O	Red for OSD
17	A19	O	Program ROM address for main CPU	81	P3.7	O	Red for OSD
18	A18	O	Program ROM address for main CPU	82	MTST	I/O	Data transmission for chassis CPU communication
19	A17	O	Program ROM address for main CPU	83	MTSR	I/O	Data receive for chassis CPU communication
20	VSS25	-	GND	84	VSS33	-	GND
21	VDD25	I	2.5V	85	VDD33	I	3.3V
22	A16	O	Program ROM address for main CPU	86	VSS25	-	GND
23	A8	O	Program ROM address for main CPU	87	VDD25	I	2.5V
24	A7	O	Program ROM address for main CPU	88	TXD0	I/O	Communication for adjustment
25	A9	O	Program ROM address for main CPU	89	RXD0	I/O	Communication for adjustment
26	A6	O	Program ROM address for main CPU	90	P3.12	O	Red for OSD
27	A5	O	Program ROM address for main CPU	91	CLK	O	Clock for chassis CPU communication
28	A10	O	Program ROM address for main CPU	92	P3.15	O	Green for OSD
29	A11	O	Program ROM address for main CPU	93	P5.14	O	Green for OSD
30	A12	O	Program ROM address for main CPU	94	P5.15	O	Green for OSD
31	VSS33	-	GND	95	TRIG_IN	O	Green for OSD
32	VDD33	I	3.3V	96	TRIG_OUT	O	Green for OSD
33	A4	O	Program ROM address for main CPU	97	P6.2	O	Green for OSD
34	A3	O	Program ROM address for main CPU	98	P6.3	I/O	I ² C bus clock (for main memory)
35	A2	O	Program ROM address for main CPU	99	P6.4	I/O	I ² C bus Data (for main memory)
36	A1	O	Program ROM address for main CPU	100	P6.5	O	Teletext signal select [Analog RGB : H / Digital RGB : L]
37	A0	O	Program ROM address for main CPU	101	IRQ	O	IRQ(IDTV)
38	A13	O	Program ROM address for main CPU	102	VSYSN	I/O	Vertical sync
39	ARAS/A14	O	Program ROM address for main CPU	103	HSYN	I/O	Horizontal sync
40	CAS/A15	O	Program ROM address for main CPU	104	COR/RSTOUT	O	Not used
41	VSS33	-	GND	105	BLANK	O	Ys for OSD / Teletext
42	VDD33	I	3.3V	106	VDD33	I	3.3V
43	MEMCLK	O	Clock for memory	107	VSS33	-	GND
44	CSSDRAM	O	Chip select for memory	108	XTAL1	I	6MHz for system clock
45	CLKEN	O	Clock enable for memory	109	XTAL2	O	6MHz for system clock
46	CSROM	O	Chip select for memory	110	VSSA	-	GND
47	RD	O	Read for memory	111	VDDA	I	2.5V
48	UDQM	O	Control buffer of memory	112	R	O	R for OSD / Teletext
49	LDQM	O	Control buffer of memory	113	G	O	G for OSD / Teletext
50	WR	O	Write for memory	114	B	O	B for OSD / Teletext
51	D15	I/O	Program ROM data for main CPU	115	VSSA	-	GND
52	VSS33	-	GND	116	VDDA	I	2.5V
53	VDD33	I	3.3V	117	CVBS2	I	Video for Teletext
54	D7	I/O	Program ROM data for main CPU	118	VSSA	-	GND
55	D0	I/O	Program ROM data for main CPU	119	VDDA	I	2.5V
56	D14	I/O	Program ROM data for main CPU	120	CVBS1B	I	Video for Teletext
57	D8	I/O	Program ROM data for main CPU	121	CVBS1A	I	Video for Teletext
58	D6	I/O	Program ROM data for main CPU	122	VSSA	-	GND
59	D1	I/O	Program ROM data for main CPU	123	VDDA	I	2.5V
60	VSS33	-	GND	124	KEY1	I	Key scan data 1 [ON : H]
61	VDD33	I	3.3V	125	KEY2	I	Key scan data 2 [ON : H]
62	D13	I/O	Program ROM data for main CPU	126	MECA_SW	I	Main power ON / OFF control [ON : L]
63	D9	I/O	Program ROM data for main CPU	127	(KEYP2)P5.3	I	Not used
64	D5	I/O	Program ROM data for main CPU	128	TMODE	I	Test purpose

SECTION 3

DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- **Be sure to perform the SYSTEM SETTING, at the end of the procedure.**
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE STAND (Fig.1)

- (1) Remove the 2 screws [A].
- (2) Remove the CORD COVER.
- (3) Remove the 4 screws [B].
- (4) Remove the STAND.

3.1.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
 - (1) Remove the JACK COVER (L/R).
 - (2) Remove the 10 screws [C], the 5 screws [D], and the 2 screws [E].
 - (3) Remove the REAR COVER.

3.1.3 REMOVING THE POWER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 1 screw [F].
 - (2) Remove the POWER CORD HOLDER.
 - (3) Remove the POWER CORD.
 - (4) Remove the 4 screws [G].
 - (5) Remove the POWER PWB.

3.1.4 REMOVING THE D-AMP PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screw [H].
 - (2) Remove the D-AMP PWB.

3.1.5 REMOVING THE ANALOG PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the D-AMP PWB.
 - (1) Remove the 3 screws [J] and 2 screws [K].
 - (2) Remove the TERMINAL BASE.
 - (3) Remove the 1 screw [L].
 - (4) Remove the TUNER BASE.
 - (5) Remove the 2 screws [M].
 - (6) Remove the D-AMP BRACKET.
 - (7) Remove the 3 screws [N] and 2 screws [P].
 - (8) Remove the ANALOG PWB.

3.1.6 REMOVING THE DC-DC PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 4 screws [Q].
 - (2) Remove the BACK BRACKET.
 - (3) Remove the 2 screws [R].
 - (4) Remove the DC-DC PWB.

3.1.7 REMOVING THE DIGITAL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the BACK BRACKET.
 - (1) Remove the 7 hooks.
 - (2) Remove the SHIELD COVER by sliding it in the direction of the arrow.
 - (3) Remove the 2 screws [U] and 1 screw [V].
 - (4) Remove the SHIELD TERMINAL.
 - (5) Remove the 9 screws [W].
 - (6) Remove the DIGITAL PWB.

CAUTION :

Make sure to perform the "SYSTEM SETTING", when DIGITAL PWB is replaced.

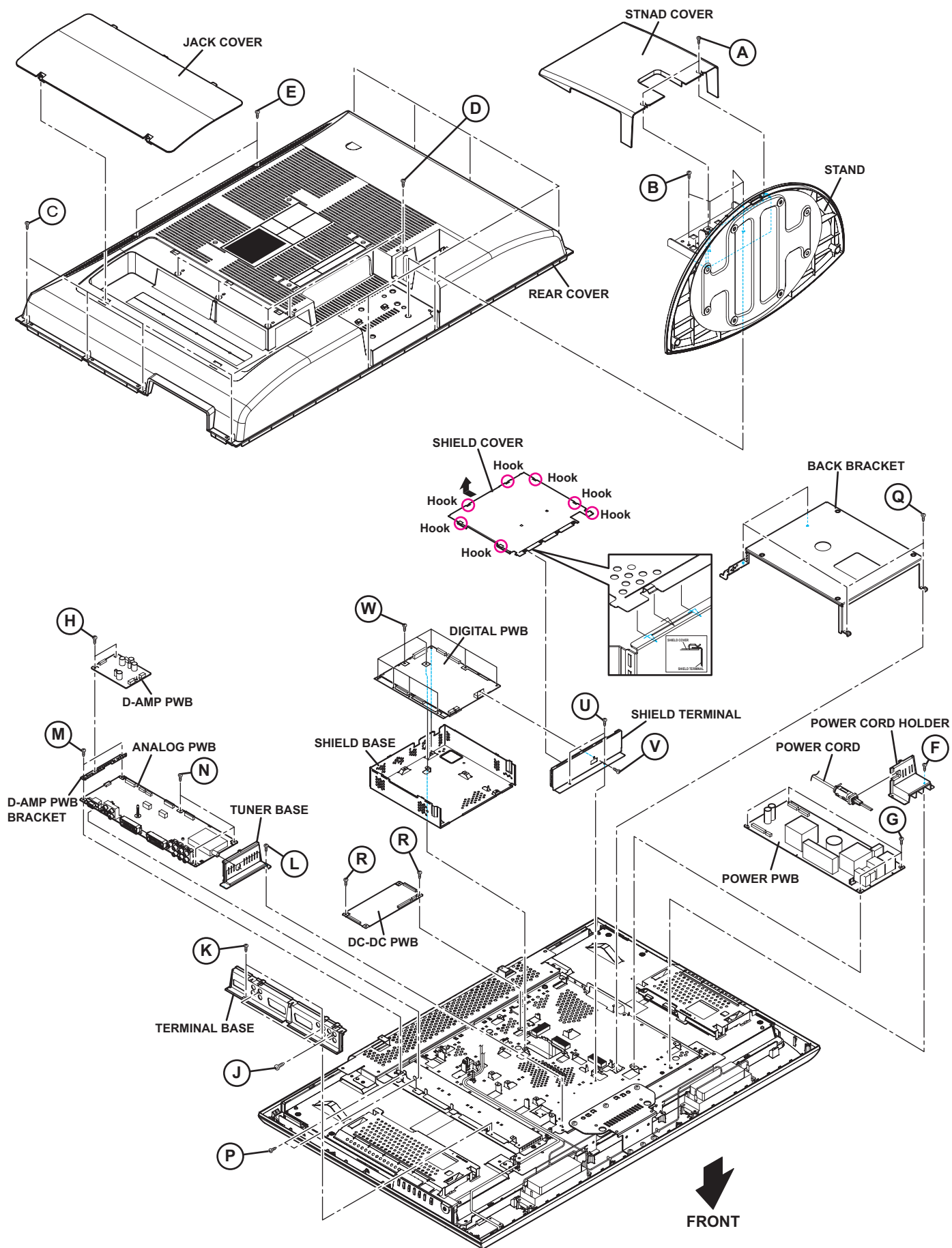


Fig.1

3.1.8 REMOVING THE SW PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws [A].
 - (2) Remove the CONTROL ASS'Y with SW PWB.
 - (3) Remove the 2 screws [B].
 - (4) Remove the SW PWB from the CONTROL ASS'Y.

3.1.9 REMOVING THE LED PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 2 screws [C].
 - (2) Remove the LED PWB.

3.1.10 REMOVING THE SPEAKER (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 4 screws [D].
 - (2) Remove the SPEAKER (L /R).

3.1.11 REMOVING THE LCD PANEL UNIT (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the BACK BRACKET.
- Remove the POWER CORD HOLDER.
 - (1) Remove the 2 screws [E] and 2 screws [F].
 - (2) Remove the STAND BRACKET.
 - (3) Remove the 3 screws [G].
 - (4) Remove the MAIN BASE.
 - (5) Remove the 4 screws [H].
 - (6) Remove the SUPPORT BRACKET.
 - (7) Remove the 3 screws [J] and 2 screw [K].
 - (8) Remove the LCD PANEL UNIT with TOP/BOTTOM FRAME.
 - (9) Remove the 2 screws [L].
 - (10) Remove the TOP FFRAME from the LCD PANEL UNIT.
 - (11) Remove the 2 screws [M].
 - (12) Remove the BOTTOM FFRAME from the LCD PANEL UNIT.

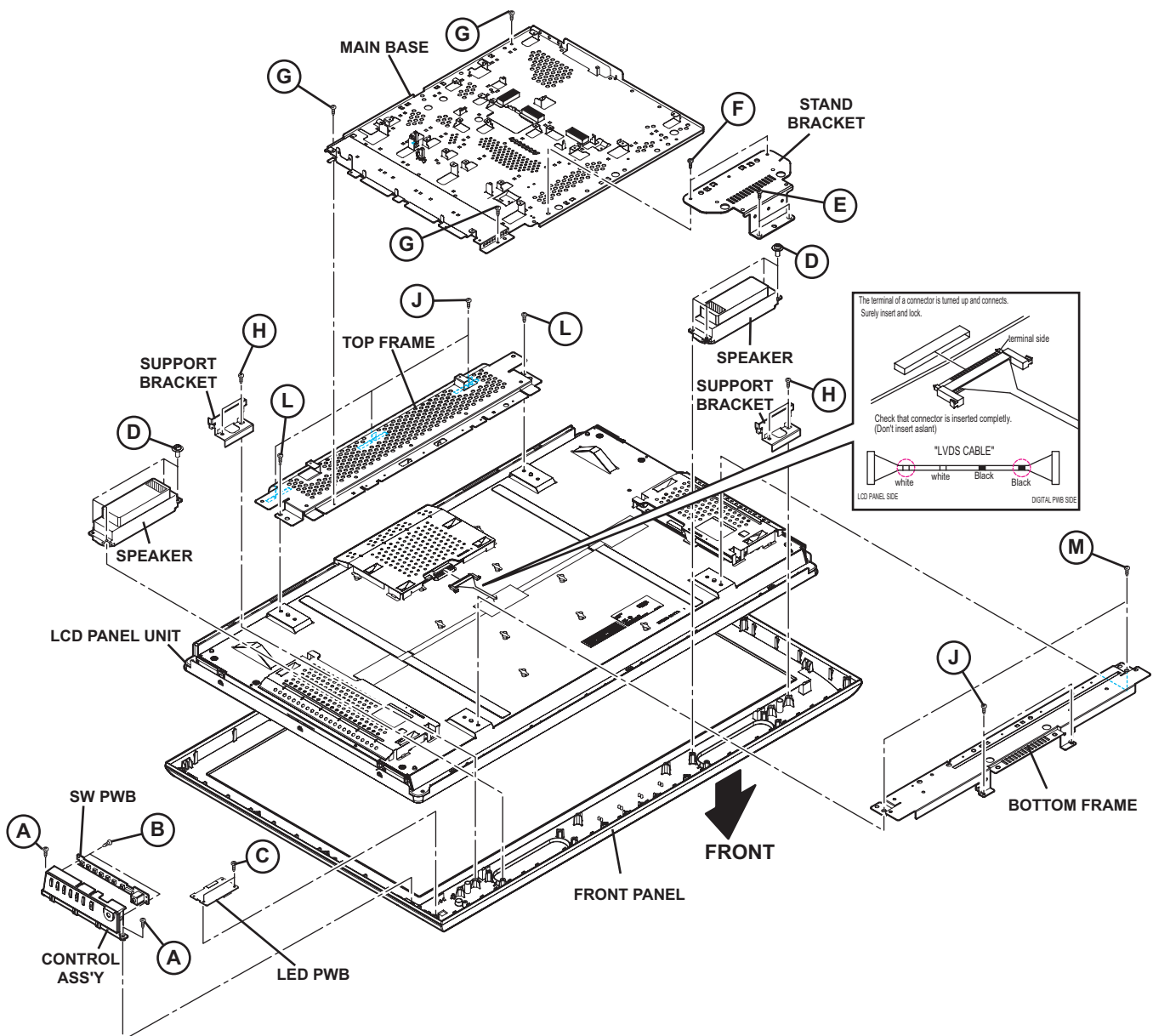


Fig.2

3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC TABLE

Symbol	Number of pins	Mounting PWB	Main content of data
IC7201	48-pin	DIGITAL PWB	Program(Video process) of IC6001 (System CPU) is memorized.
IC7602	8-pin	DIGITAL PWB	Setting value of IC7301 (MAIN CPU) is memorized.

3.2.2 MEMORY IC REPLACEMENT PROCEDURE

1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

3. Power on

Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting

Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting

Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.3 SERVICE MODE SETTING

■SERVICE MODE SCREEN

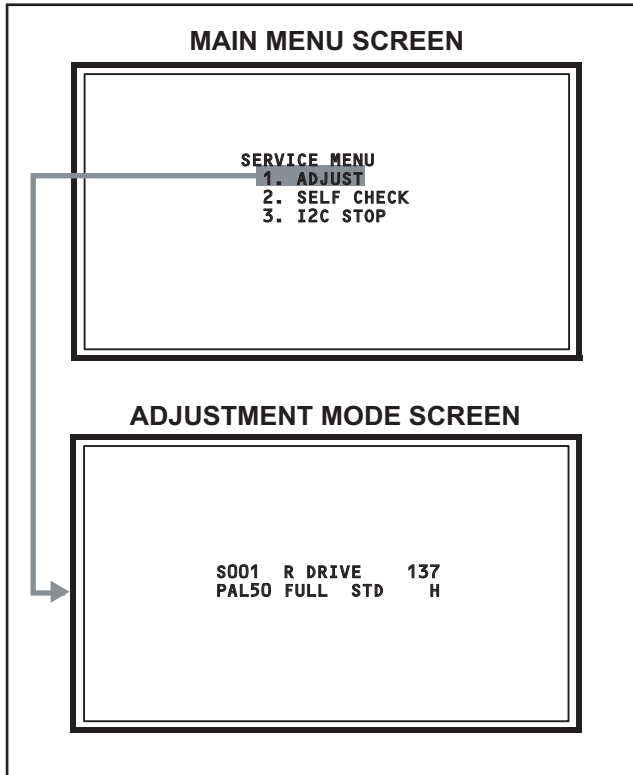


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S009
Audio system setting	Adjust	T001 - T003
Main CPU system setting	Fixed	M001 - M224
Drive system setting	Fixed	F001 - F002
(Not used)	Fixed	D001
(Not used)	Fixed	Z001

3.2.4 SETTINGS OF FACTORY SHIPMENT

3.2.4.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/AV	TV

3.2.4.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item	Setting position
Picture Mode	Bright
Colour Temp.	Cool
Features	
Super Digipure	Auto
Movie Theatre	Auto
Colour Management	On
Picture Management	On
Smart Picture	On
MPEG Noise Reduction	On
Colour System	Main Auto
	Sub Auto
4:3 Auto Aspect	Panoramic

(2) SOUND

Setting item	Setting position
Stereo / I•ii	Stereo Sound
Bass	Centre
Treble	Centre
Balance	Centre
3d Cinema sound	Off
Tone Correction	Off

3.2.4.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	Panoramic

(4) FEATURES

Setting item	Setting position
Sleep Timer	Off
Child Lock	Id No.0000, All Ch Off
Appearance	Type D
Blue Back	On
Favourite Setting	Reset
Power Lamp	On

(5) SET UP

Setting item	Setting position
Auto Program	Tv Channel Automatically Set
Edit/manual	Preset Ch Only
Language	English
Decoder (Ext-2)	Off
Component Auto Select	On
Hdmi Setting	Auto
Ext Setting	
S-IN	Blank
ID	Blank
Dubbing	Ext-1 → Ext-2

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

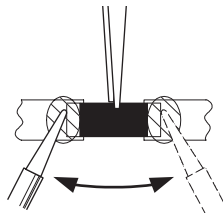
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

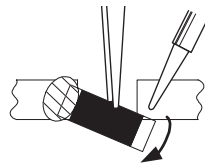
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

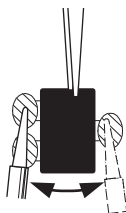


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



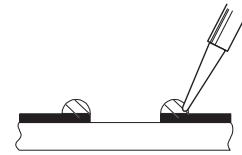
NOTE :

After removing the part, remove remaining solder from the pattern.

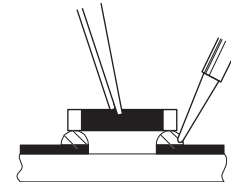
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

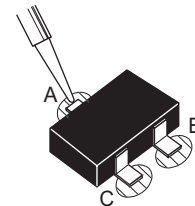


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

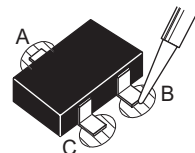


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

- (1) There are 2 ways of adjusting this TV : One is with the **REMOTE CONTROL UNIT** and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the **REMOTE CONTROL UNIT** is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
Picture Mode	Standard
Picture Adjustments	Centre
Colour Temp.	Normal
Super Digipure	Auto
Movie Theatre	Auto
Colour Management	On
Picture Management	On
Zoom	Full

4.3 MEASURING INSTRUMENT AND FIXTURES

- Signal generator (Pattern generator) [PAL]
- Remote control unit

4.4 ADJUSTMENT ITEMS

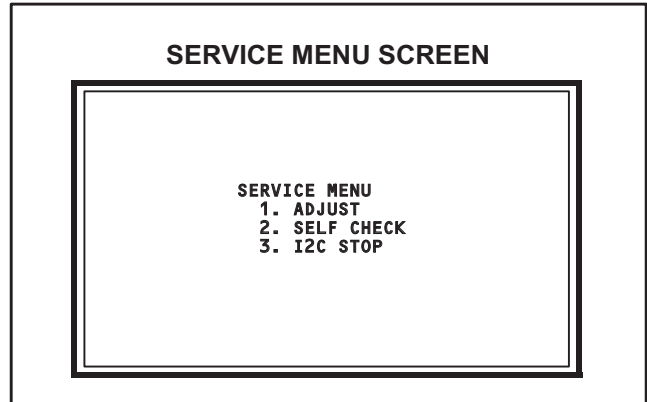
■ VIDEO CIRCUIT

- WHITE BALANCE (HIGH LIGHT) adjustment

4.5 BASIC OPERATION OF SERVICE MODE

4.5.1 HOW TO ENTER THE SERVICE MODE

- (1) Press **[INFORMATION]** key and **[MUTING]** key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.
- (2) In the SERVICE MENU, press the **[1]** key to display ADJUSTMENT MODE SCREEN.



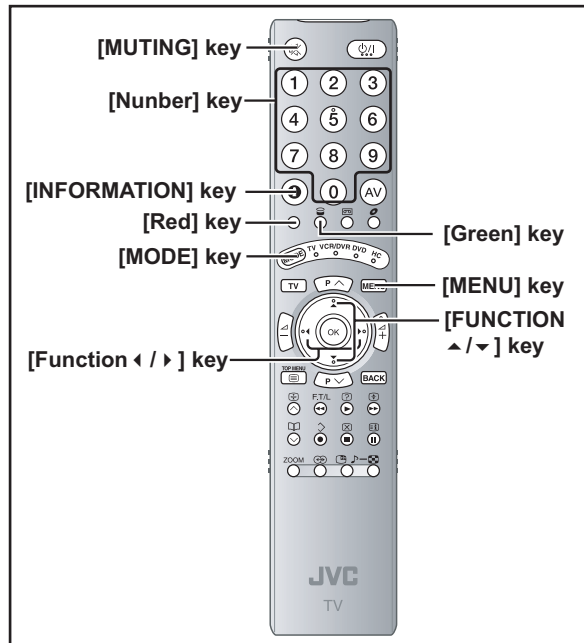
NOTE:

- Before enter the SERVICE MODE, press the **[MODE]** key to confirm that "TV" position is indicated. If it is in a wrong position, the SERVICE MODE operation cannot be performed.
- When a number key other than the **[1]** key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed. This is not used in the adjustment procedure. Press the **[MENU]** key to return to the SERVICE MODE SCREEN.

4.5.2 HOW TO EXIT THE SERVICE MODE

Press the **[MENU]** key to exit the Service mode.

4.5.3 SERVICE MODE SELECT KEY LOCATION



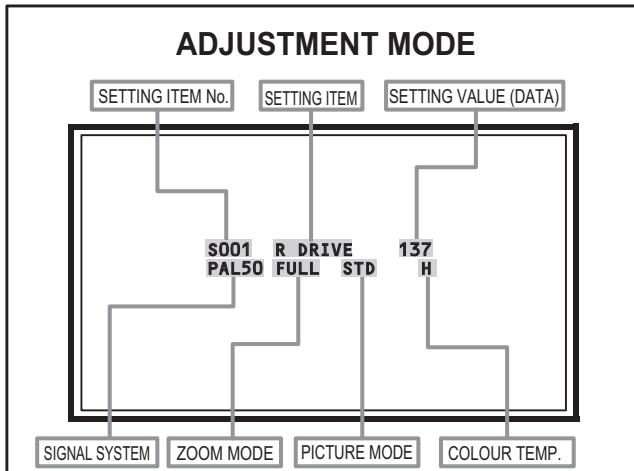
4.5.4 ADJUSTMENT MODE

This mode is used to adjust the VIDEO CIRCUIT and the MTS CIRCUIT.

4.5.4.1 HOW TO ENTER THE ADJUSTMENT MODE

When the SERVICE MENU SCREEN of SERVICE MODE is displayed, press **[1]** key to enter the **ADJUSTMENT MODE**.

4.5.5 DESCRIPTION OF STATUS DISPLAY



(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

PAL50 : PAL50Hz (Composite / S-video)
PAL60 : PAL60Hz (Composite / S-video)
SECAM : SECAM
NTSC3 : NTSC3.58
NTSC4 : NTSC4.43
525I : 525i (Component)
525P : 525p
625I : 625i (Component)
625P : 625p
1125I5 : 1125i 50Hz
1125I6 : 1125i 60Hz
RGB5 : RGB 525i
RGB6 : RGB 625i
PCVGA : PC (VGA)
PCXGA : PC (XGA)
H525I : HDMI 525i
H525P : HDMI 525p
H625I : HDMI 625i
H625P : HDMI 625p
H750P : HDMI 750p
H125I5 : HDMI 1125i 50Hz
H125I6 : HDMI 1125i 60Hz
--- : OTHER

(2) ZOOM MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

FULL : FULL
PANO : PANORAMIC
1609 : 16:9 ZOOM
1609S : 16:9 ZOOM SUBTITLE
1409 : 14:9 ZOOM
REGU : REGULAR

MULTI SCREEN

M2 : 2-pictures multi
M12 : 12-pictures multi

(3) PICTURE MODE

SOFT : SOFT
STD : STANDARD
BRI : BRIGHT

(4) COLOUR TEMP.

H : COOL
M : NORMAL
L : WARM

(5) SETTING ITEM NAME

Setting item name are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

(6) SETTING ITEM NO.

Setting item numbers are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 - S009	Video system setting
T001 - T003	Audio system setting
M001 - M224	Main CPU system setting
F001 - F002	Drive system setting
D001	(NOT USED)
Z001	(NOT USED)

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.6 CHANGE AND MEMORY OF SETTING VALUE

SELECTION OF SETTING ITEM

- **[FUNCTION ▲/▼]** key.

For scrolling up / down the setting items.

S001...S009 ↔ T001...T003 ↔ M001...M224 ↔
F001...F002 ↔ D001 ↔ Z001↔return to S001

CHANGE OF SETTING VALUE (DATA)

- **[FUNCTION ◀/▶]** key.

For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing **[MUTING]** key.

4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
S001	R DRIVE	0 - 255	137
S002	G DRIVE	0 - 255	121
S003	B DRIVE	0 - 255	108
S004	RESREV	0 - 255	0
S005	RESREV	0 - 255	0
S006	RESREV	0 - 255	2
S007	RESREV	0 - 255	2
S008	RESREV	0 - 255	2
S009	RESREV	0 - 255	2

4.6.2 AUDIO SYSTEM SETTING

Item No.	Item	Variable range	Setting value
T001	RESREV	0 - 15	2
T002	RESREV	0 - 63	2
T003	RESREV	0 - 63	2

4.6.3 MAIN CPU SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
M001	1E00	00 - FF	00
M002	1E01	00 - FF	00
M003	1E02	00 - FF	05
M004	1E03	00 - FF	01
M005	1E04	00 - FF	00
M006	1E05	00 - FF	00
M007	1E06	00 - FF	00
M008	1E07	00 - FF	01
M009	1E08	00 - FF	00
M010	1E09	00 - FF	00
M011	1E0A	00 - FF	01
M012	1E0B	00 - FF	00
M013	1E0C	00 - FF	01
M014	1E0D	00 - FF	00
M015	1E0E	00 - FF	00
M016	1E0F	00 - FF	00
M017	1E10	00 - FF	01
M018	1E11	00 - FF	00
M019	1E12	00 - FF	00
M020	1E13	00 - FF	01
M021	1E14	00 - FF	00
M022	1E15	00 - FF	00
M023	1E16	00 - FF	00
M024	1E17	00 - FF	00
M025	1E18	00 - FF	00
M026	1E19	00 - FF	00
M027	1E1A	00 - FF	00
M028	1E1B	00 - FF	00
M029	1E1C	00 - FF	00
M030	1E1D	00 - FF	00
M031	1E1E	00 - FF	00
M032	1E1F	00 - FF	00
M033	1E20	00 - FF	00
M034	1E21	00 - FF	00

Item No.	Item	Variable range	Setting value
M035	1E22	00 - FF	00
M036	1E23	00 - FF	00
M037	1E24	00 - FF	00
M038	1E25	00 - FF	00
M039	1E26	00 - FF	00
M040	1E27	00 - FF	00
M041	1E28	00 - FF	00
M042	1E29	00 - FF	00
M043	1E2A	00 - FF	00
M044	1E2B	00 - FF	00
M045	1E2C	00 - FF	00
M046	1E2D	00 - FF	00
M047	1E2E	00 - FF	00
M048	1E2F	00 - FF	00
M049	1E30	00 - FF	00
M050	1E31	00 - FF	02
M051	1E32	00 - FF	01
M052	1E33	00 - FF	00
M053	1E34	00 - FF	00
M054	1E35	00 - FF	00
M055	1E36	00 - FF	01
M056	1E37	00 - FF	00
M057	1E38	00 - FF	07
M058	1E39	00 - FF	4F
M059	1E3A	00 - FF	00
M060	1E3B	00 - FF	30
M061	1E3C	00 - FF	00
M062	1E3D	00 - FF	00
M063	1E3E	00 - FF	00
M064	1E3F	00 - FF	00
M065	1E40	00 - FF	00
M066	1E41	00 - FF	00
M067	1E42	00 - FF	05
M068	1E43	00 - FF	36
M069	1E44	00 - FF	00
M070	1E45	00 - FF	06
M071	1E46	00 - FF	03
M072	1E47	00 - FF	00
M073	1E48	00 - FF	00
M074	1E49	00 - FF	00
M075	1E4A	00 - FF	03
M076	1E4B	00 - FF	03
M077	1E4C	00 - FF	03
M078	1E4D	00 - FF	01
M079	1E4E	00 - FF	03
M080	1E4F	00 - FF	00
M081	1E50	00 - FF	66
M082	1E51	00 - FF	00
M083	1E52	00 - FF	03
M084	1E53	00 - FF	00
M085	1E54	00 - FF	00
M086	1E55	00 - FF	00
M087	1E56	00 - FF	00

Item No.	Item	Variable range	Setting value
M088	1E57	00 - FF	00
M089	1E58	00 - FF	00
M090	1E59	00 - FF	00
M091	1E5A	00 - FF	00
M092	1E5B	00 - FF	00
M093	1E5C	00 - FF	00
M094	1E5D	00 - FF	00
M095	1E5E	00 - FF	00
M096	1E5F	00 - FF	00
M097	1E60	00 - FF	00
M098	1E61	00 - FF	00
M099	1E62	00 - FF	00
M100	1E63	00 - FF	00
M101	1E64	00 - FF	00
M102	1E65	00 - FF	00
M103	1E66	00 - FF	00
M104	1E67	00 - FF	00
M105	1E68	00 - FF	00
M106	1E69	00 - FF	00
M107	1E6A	00 - FF	02
M108	1E6B	00 - FF	00
M109	1E6C	00 - FF	00
M110	1E6D	00 - FF	00
M111	1E6E	00 - FF	00
M112	1E6F	00 - FF	00
M113	1E70	00 - FF	00
M114	1E71	00 - FF	00
M115	1E72	00 - FF	00
M116	1E73	00 - FF	00
M117	1E74	00 - FF	00
M118	1E75	00 - FF	00
M119	1E76	00 - FF	00
M120	1E77	00 - FF	0F
M121	1E78	00 - FF	00
M122	1E79	00 - FF	00
M123	1E7A	00 - FF	00
M124	1E7B	00 - FF	00
M125	1E7C	00 - FF	00
M126	1E7D	00 - FF	00
M127	1E7E	00 - FF	02
M128	1E7F	00 - FF	00
M129	1E80	00 - FF	01
M130	1E81	00 - FF	00
M131	1E82	00 - FF	01
M132	1E83	00 - FF	00
M133	1E84	00 - FF	00
M134	1E85	00 - FF	00
M135	1E86	00 - FF	00
M136	1E87	00 - FF	00
M137	1E88	00 - FF	00
M138	1E89	00 - FF	00
M139	1E8A	00 - FF	00
M140	1E8B	00 - FF	00
M141	1E8C	00 - FF	00
M142	1E8D	00 - FF	00
M143	1E8E	00 - FF	00
M144	1E8F	00 - FF	00
M145	1E90	00 - FF	00

Item No.	Item	Variable range	Setting value
M146	1E91	00 - FF	00
M147	1E92	00 - FF	00
M148	1E93	00 - FF	00
M149	1E94	00 - FF	00
M150	1E95	00 - FF	00
M151	1E96	00 - FF	00
M152	1E97	00 - FF	00
M153	1E98	00 - FF	00
M154	1E99	00 - FF	00
M155	1E9A	00 - FF	01
M156	1E9B	00 - FF	00
M157	1E9C	00 - FF	03
M158	1E9D	00 - FF	00
M159	1E9E	00 - FF	00
M160	1E9F	00 - FF	00
M161	1EA0	00 - FF	00
M162	1EA1	00 - FF	00
M163	1EA2	00 - FF	01
M164	1EA3	00 - FF	01
M165	1EA4	00 - FF	00
M166	1EA5	00 - FF	00
M167	1EA6	00 - FF	00
M168	1EA7	00 - FF	00
M169	1EA8	00 - FF	00
M170	1EA9	00 - FF	00
M171	1EAA	00 - FF	00
M172	1EAB	00 - FF	00
M173	1EAC	00 - FF	0C
M174	1EAD	00 - FF	00
M175	1EAE	00 - FF	00
M176	1EAF	00 - FF	00
M177	1EB0	00 - FF	00
M178	1EB1	00 - FF	00
M179	1EB2	00 - FF	00
M180	1EB3	00 - FF	00
M181	1EB4	00 - FF	00
M182	1EB5	00 - FF	00
M183	1EB6	00 - FF	00
M184	1EB7	00 - FF	00
M185	1EB8	00 - FF	00
M186	1EB9	00 - FF	00
M187	1EBA	00 - FF	00
M188	1EBB	00 - FF	00
M189	1EBC	00 - FF	00
M190	1EBD	00 - FF	00
M191	1EBE	00 - FF	00
M192	1EBF	00 - FF	00
M193	1EC0	00 - FF	00
M194	1EC1	00 - FF	00
M195	1EC2	00 - FF	01
M196	1EC3	00 - FF	00
M197	1EC4	00 - FF	00
M198	1EC5	00 - FF	00
M199	1EC6	00 - FF	00
M200	1EC7	00 - FF	00
M201	1EC8	00 - FF	01
M202	1EC9	00 - FF	00
M203	1ECA	00 - FF	00

Item No.	Item	Variable range	Setting value
M204	1ECB	00 - FF	00
M205	1ECC	00 - FF	02
M206	1ECD	00 - FF	00
M207	1ECE	00 - FF	00
M208	1ECF	00 - FF	00
M209	1ED0	00 - FF	00
M210	1ED1	00 - FF	00
M211	1ED2	00 - FF	00
M212	1ED3	00 - FF	00
M213	1ED4	00 - FF	00
M214	1ED5	00 - FF	00
M215	1ED6	00 - FF	00
M216	1ED7	00 - FF	00
M217	1ED8	00 - FF	00
M218	1ED9	00 - FF	00
M219	1EDA	00 - FF	00
M220	1EDB	00 - FF	00
M221	1EDC	00 - FF	00

Item No.	Item	Variable range	Setting value
M222	1EDD	00 - FF	00
M223	1EDE	00 - FF	00
M224	1EDF	00 - FF	00

4.6.4 DRIVE SYSTEM SETTING (Fixed values)

Item No.	Item	Variable range	Setting value
F001	DD	0 - 1	0
F002	RAM REF	0 - 1	0

4.6.5 NOT USED (Fixed values)

Item No.	Item	Variable range	Setting value
D001	RESREV	0 - 255	2

4.6.6 NOT USED (Fixed values)

Item No.	Item	Variable range	Setting value
Z001	RESREV	0 - 255	2

4.7 ADJUSTMENT PROCEDURE

4.7.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		[1.ADJUST] S001: R DRIVE (Red drive) S002: G DRIVE (Green drive) S003: B DRIVE (Blue drive)	<p>(1) Receive a PAL 75% all white signal. (2) Set PICTURE MODE to "STANDARD". (3) Set ZOOM to "FULL". (4) Set COLOUR TEMP. to "NORMAL". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to Keep one of < S001 > (Red drive), < S002 > (Green drive) or < S003 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.</p> <p>NOTE: Set one or more of < S001 >, < S002 >, and < S003 > to "137".</p> <p>(7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirize the set value.</p>

SECTION 5 TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure. Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time. Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I²C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before enter the SELF CHECK MODE, press the **[MODE]** key to confirm that "TV" position is indicated. If it is in a wrong position, the SELF CHECK MODE operation cannot be performed.

- (1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
 - (2) Press the **[2]** key SELF CHECK MODE.
 - (3) Press the **[RED]** key to enter Page 2 of the SELF CHECK MODE.
- *Use the **[GREEN]** key to toggle between Page 1 and Page 2.

NOTE:

When a number key other than the **[2]** key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.

This is not used in the SELF CHECK MODE. Press the **[MENU]** key to return to the MAIN MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

To Save Failure History:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

To Clear (Reset) Failure History:

Turn off the power by pressing the **[POWER]** key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be ignored as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions
- (2) Misalignment in the on/off timing of power for I²C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis results.

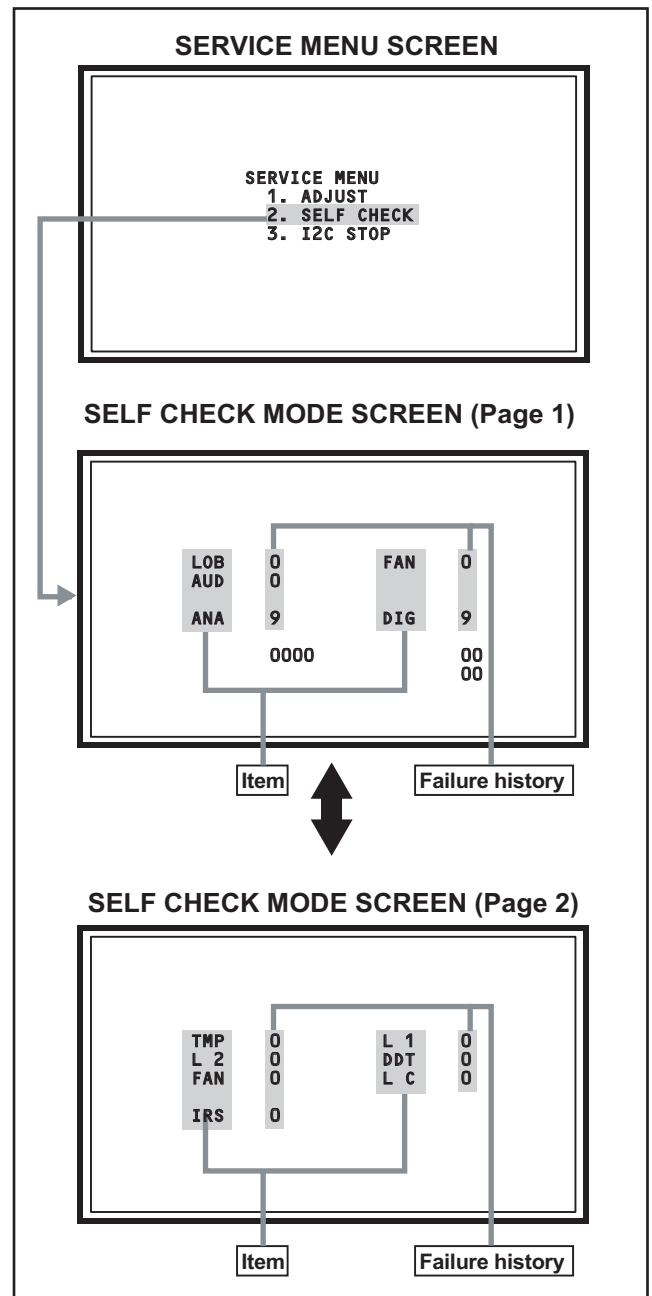


Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirm the operation of the low bias (16V / 5V / LCD5V / 3.3V / 1.2V) protection circuit. Q9601 , Q9651 [DC-DC PWB]	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 200 ms the power is turned off.
Fan lock	FAN	Not used	----	----
Abnormal rise of temperature in audio circuit	AUD	Confirmation of the temperature of audio circuit. TH6401 [D-AMP PWB]	----	Detection starts 3 seconds after the power is turned on. If the temperture of 90°C is detected for 3 seconds the power is turned off.
Devices on the ANALOG PWB	ANA	Confirmation of reply of ACK signal which uses I2C communication. IC101 , IC102 , IC381 , IC601 , IC606 , TU3001 [ANALOG PWB]	SDA	If it checks whenever I2C communication is performed and no reply of ACK signal an error will be counted.
Devices on the DIGITAL PWB	DIG	Confirmation of reply of ACK signal which uses I2C communication. IC6401 [DIGITAL PWB]	SDA	If it checks whenever I2C communication is performed and no reply of ACK signal an error will be counted.

< Page 2 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Temp. sensor	TEM	Not used	----	----
Lamp does not light up	L1	Not used	----	----
Lamp goes out	L2	Not used	----	----
Abnormal DD CPU circuit	DDT	Not used	----	----
Fan lock	FAN	Not used	----	----
Lamp cover open	LC	Not used	----	----
Abnormal of optical iris	IRS	Not used	----	----

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	POWER LED flash cycle
Low bias line short protection	Blue turnig on and off at 1 second intervals.
Abnormal rise of temperature in audio circuit	Blue turnig on and off at 0.5 second intervals.

< Explanation of operation >

If error is detected, the power is turned off.

Shortly after a power is turned off, POWER LED will be blinked.

Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.



Victor Company of Japan, Limited
Flat Panel Display Category 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA406)



Printed in Japan
VPT

JVC

SCHEMATIC DIAGRAMS

WIDE LCD PANEL TELEVISION

**LT-37R70BU, LT-37R70BU_{/B},
LT-37R70BU_{/P}, LT-37R70BU_{/Q},
LT-37R70SU, LT-37R70SU_{/B},
LT-37R70SU_{/P}, LT-37R70SU_{/Q}**

CD-ROM No.SML200605

BASIC CHASSIS

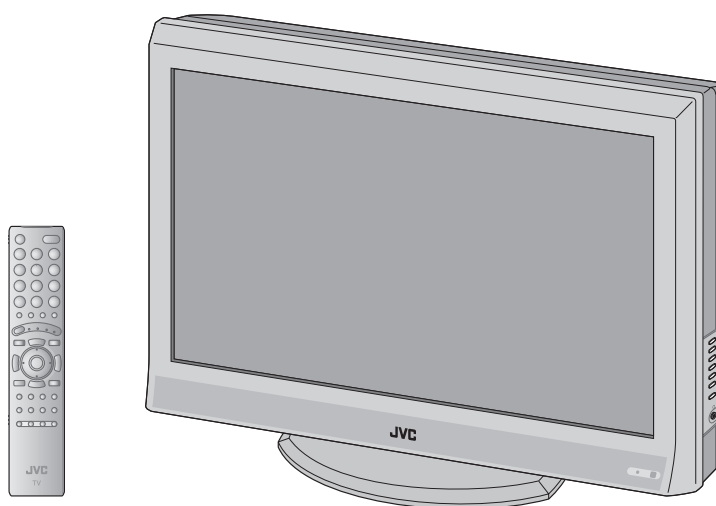
FL3

DynaPiX **HD**
Powered by D.L.S.T.

T-V LINK

HDMITM
HIGH-DEFINITION MULTIMEDIA INTERFACE

HD
ready




LT-37R70SU, LT-37R70SU/B, LT-37R70SU/P, LT-37R70SU/Q LT-37R70BU, LT-37R70BU/B, LT-37R70BU/P, LT-37R70B/Q

STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufactures recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

- (1)Input signal : Colour bar signal
- (2)Setting positions of each knob/button and variable resistor : Original setting position when shipped
- (3)Internal resistance of tester : DC 20k Ω /V
- (4)Oscilloscope sweeping time : H \Rightarrow 20 μ s / div
: V \Rightarrow 5ms / div
: Others \Rightarrow Sweeping time is specified
- (5)Voltage values : All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

- In the PW board : R1209 \rightarrow R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

- No unit : [Ω]
- K : [k Ω]
- M : [M Ω]

● Rated allowable power

- No indication : 1/16 [W]
- Others : As specified

● Type

- No indication : Carbon resistor
- OMR : Oxide metal film resistor
- MFR : Metal film resistor
- MPR : Metal plate resistor
- UNFR : Uninflamable resistor
- FR : Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

- 1 or higher : [pF]
- less than 1 : [μ F]

● Withstand voltage

- No indication : DC50[V]
- Others : DC withstand voltage [V]
- AC indicated : AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μ F]/withstand voltage[V]

● Type

- No indication : Ceramic capacitor
- MM : Metalized mylar capacitor
- PP : Polypropylene capacitor
- MPP : Metalized polypropylene capacitor
- MF : Metalized film capacitor
- TF : Thin film capacitor
- BP : Bipolar electrolytic capacitor
- TAN : Tantalum capacitor

(3)Coils

- No unit : [μ H]
- Others : As specified

(4)Power Supply



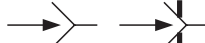
-  : B1
-  : B2 (12V)
-  : 9V
-  : 5V

* Respective voltage values are indicated





(5)Test point

-  : Test point
-  : Only test point display



(6)Connecting method

-  : Connector
-  : Wrapping or soldering
-  : Receptacle

(7)Ground symbol

-  : LIVE side ground
-  : ISOLATED(NEUTRAL) side ground
-  : EARTH ground
-  : DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.

When ordering parts, please use the numbers that appear in the Parts List.

(No.YA406)2-1

CONTENTS

SEMICONDUCTOR SHAPES

2-2

BLOCK DIAGRAM

2-3

WIRING DIAGRAM

2-5

CIRCUIT DIAGRAMS

2-7

ANALOG PWB CIRCUIT DIAGRAM

2-7

DIGITAL PWB CIRCUIT DIAGRAM

2-19

MAIN POWER PWB CIRCUIT DIAGRAM

2-51

LED PWB CIRCUIT DIAGRAM

2-55

SW PWB CIRCUIT DIAGRAM

2-57

D-AMP PWB CIRCUIT DIAGRAM

2-59

DC-DC PWB CIRCUIT DIAGRAM

2-61

PATTERN DIAGRAMS

2-63

ANALOG PWB PATTERN

2-63

DIGITAL PWB PATTERN

2-65

MAIN POWER PWB PATTERN

2-69

DC-DC PWB PATTERN

2-71

D-AMP PWB PATTERN

2-72

SW PWB PATTERN

2-73

LED PWB PATTERN

2-74

VOLTAGE CHARTS

2-75

WAVEFORMS

2-77

USING P.W. BOARD

PWB ASSY name	LT-37R70BU	LT-37R70BU/B	LT-37R70BU/P	LT-37R70BU/Q	LT-37R70SU	LT-37R70SU/B	LT-37R70SU/P	LT-37R70SU/Q
ANALOG P.W. BOARD	SFL-1246A-U2	←	←	←	←	←	←	←
D-AMP P.W. BOARD	SFL-6222A-U2	←	←	←	←	←	←	←
SW P.W. BOARD	SFL-7209A-U2	←	SFL-7206A-U2	SFL-7209A-U2	←	←	SFL-7206A-U2	SFL-7209A-U2
LED P.W. BOARD	SFL-8902A-U2	←	←	←	←	←	←	←
MAIN POWER P.W. BOARD	SFL-9047A-U2	←	←	←	←	←	←	←
DC-DC P.W. BOARD	SFL-9159A-U2	←	←	←	←	←	←	←
DIGITAL P.W. BOARD	SFL0D263A-U2	←	LCA10599-92C(SFL0D263A-SJ)	←	SFL0D263A-U2	←	LCA10599-92C(SFL0D263A-SJ)	←

SEMICONDUCTOR SHAPES

TRANSISTOR

BOTTOM VIEW	FRONT VIEW				TOP VIEW
					CHIP TR

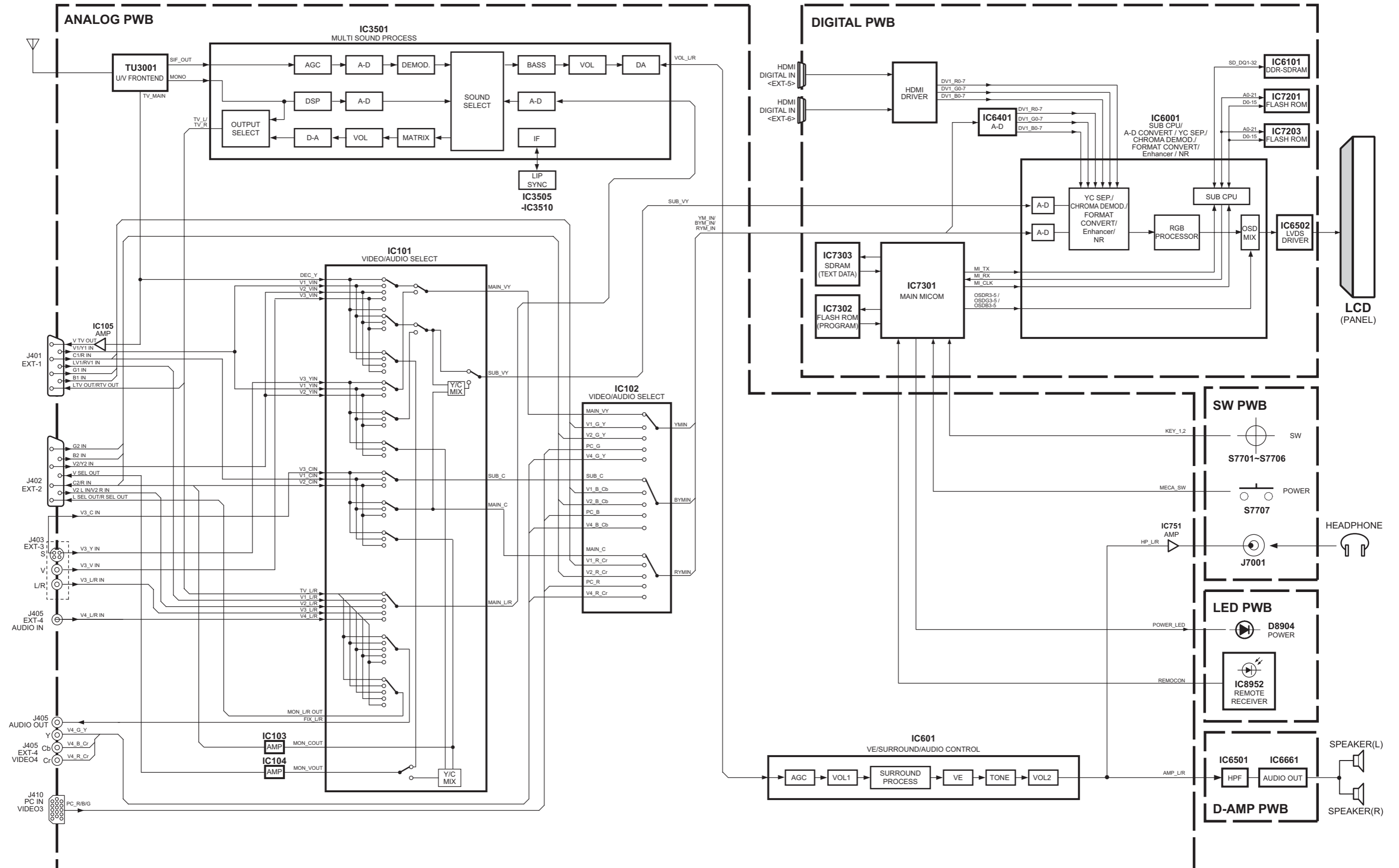
IC

BOTTOM VIEW	FRONT VIEW			TOP VIEW

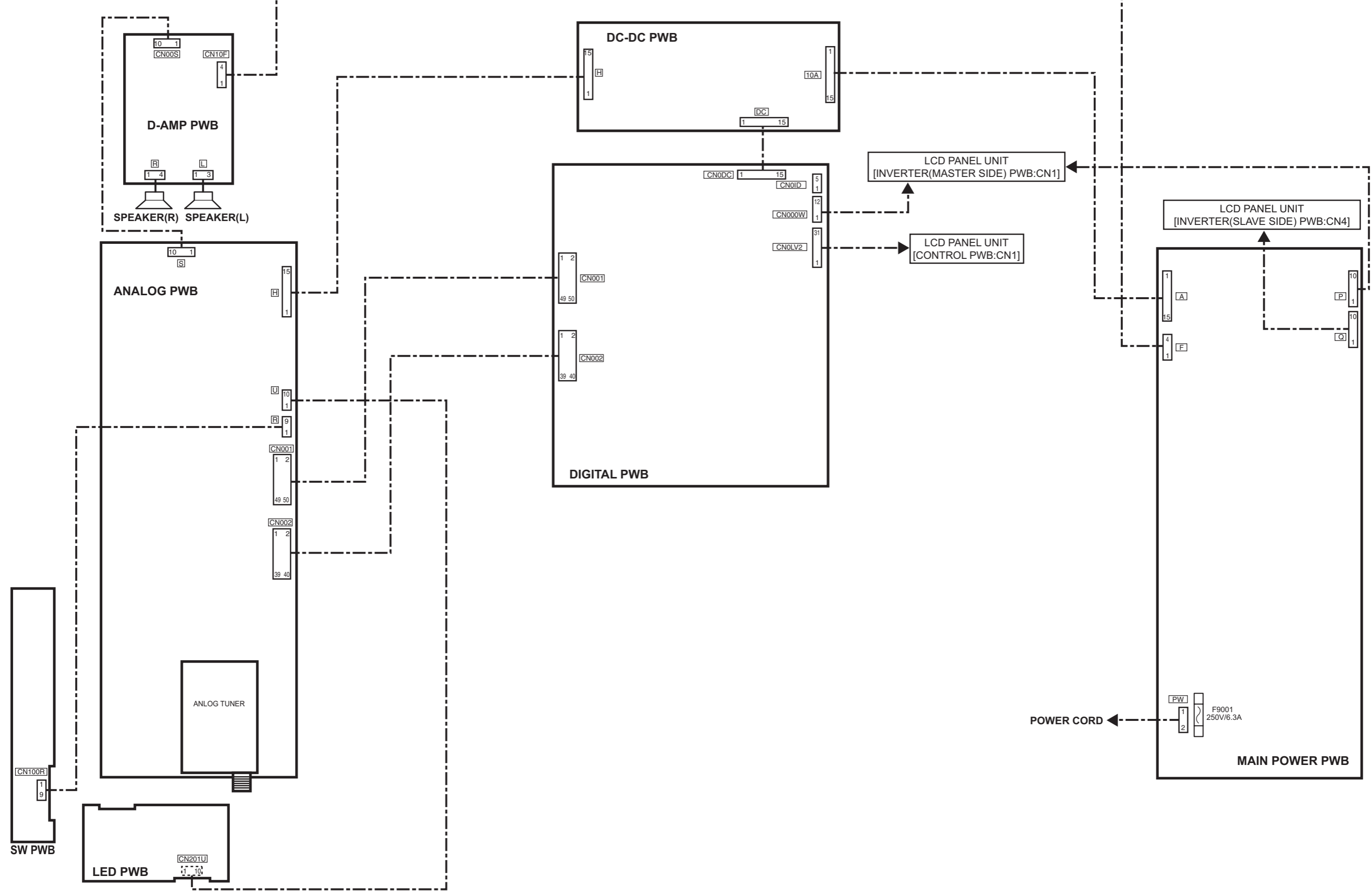
CHIP IC

TOP VIEW		

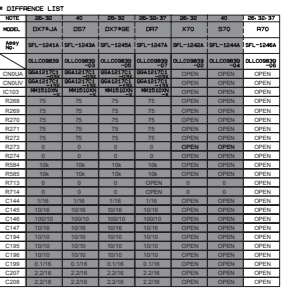
BLOCK DIAGRAM

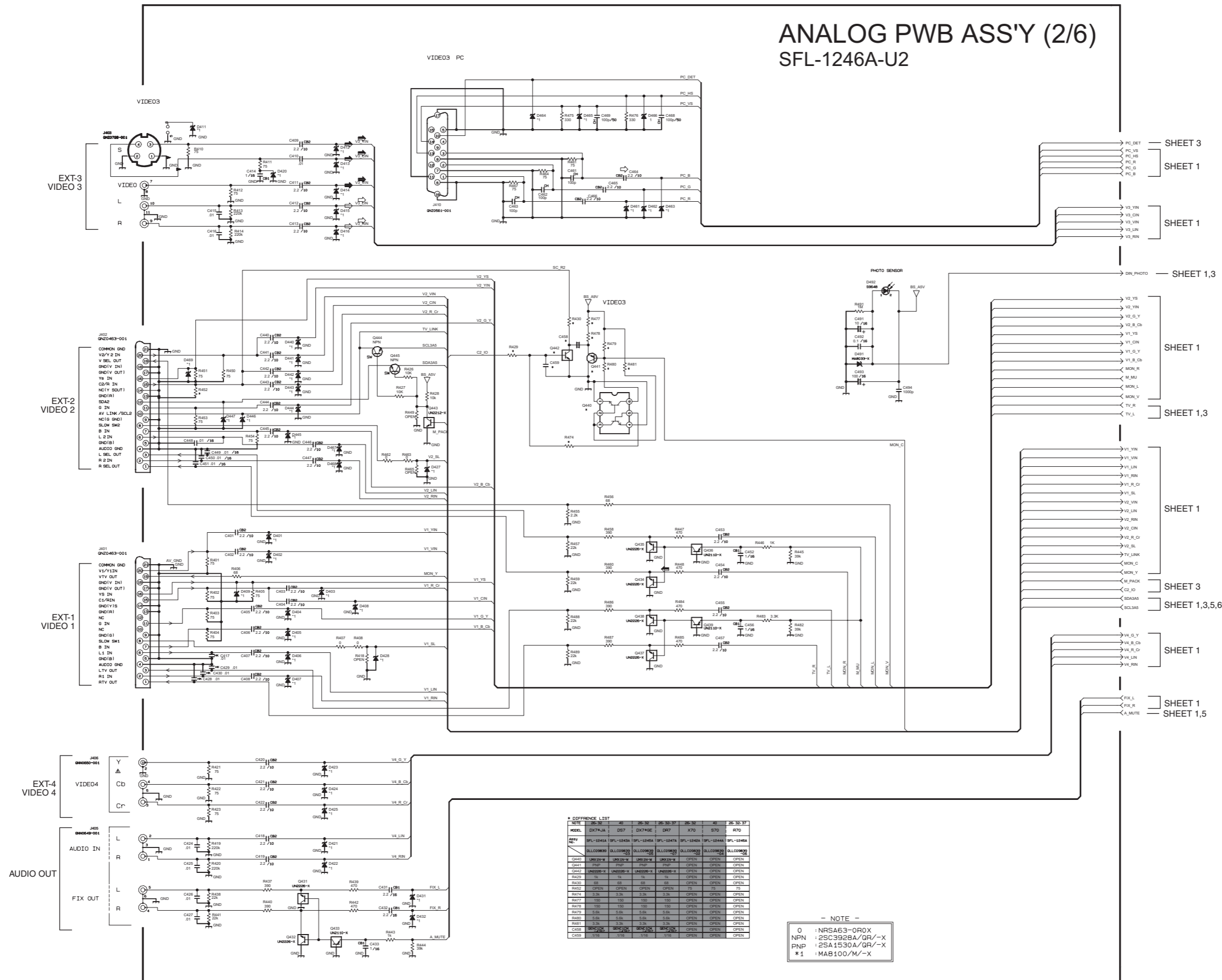


WIRING DIAGRAM

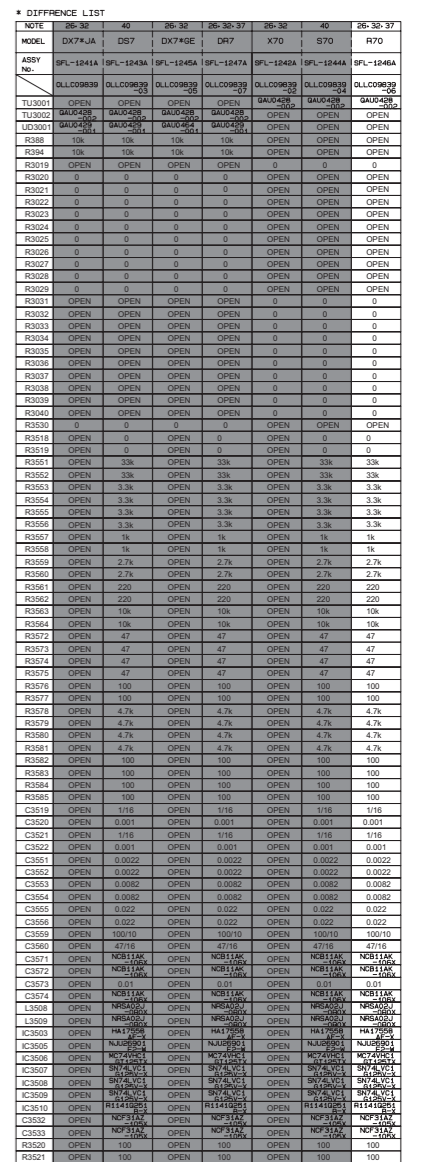


ANALOG PWB CIRCUIT DIAGRAM (1/6) SHEET 1

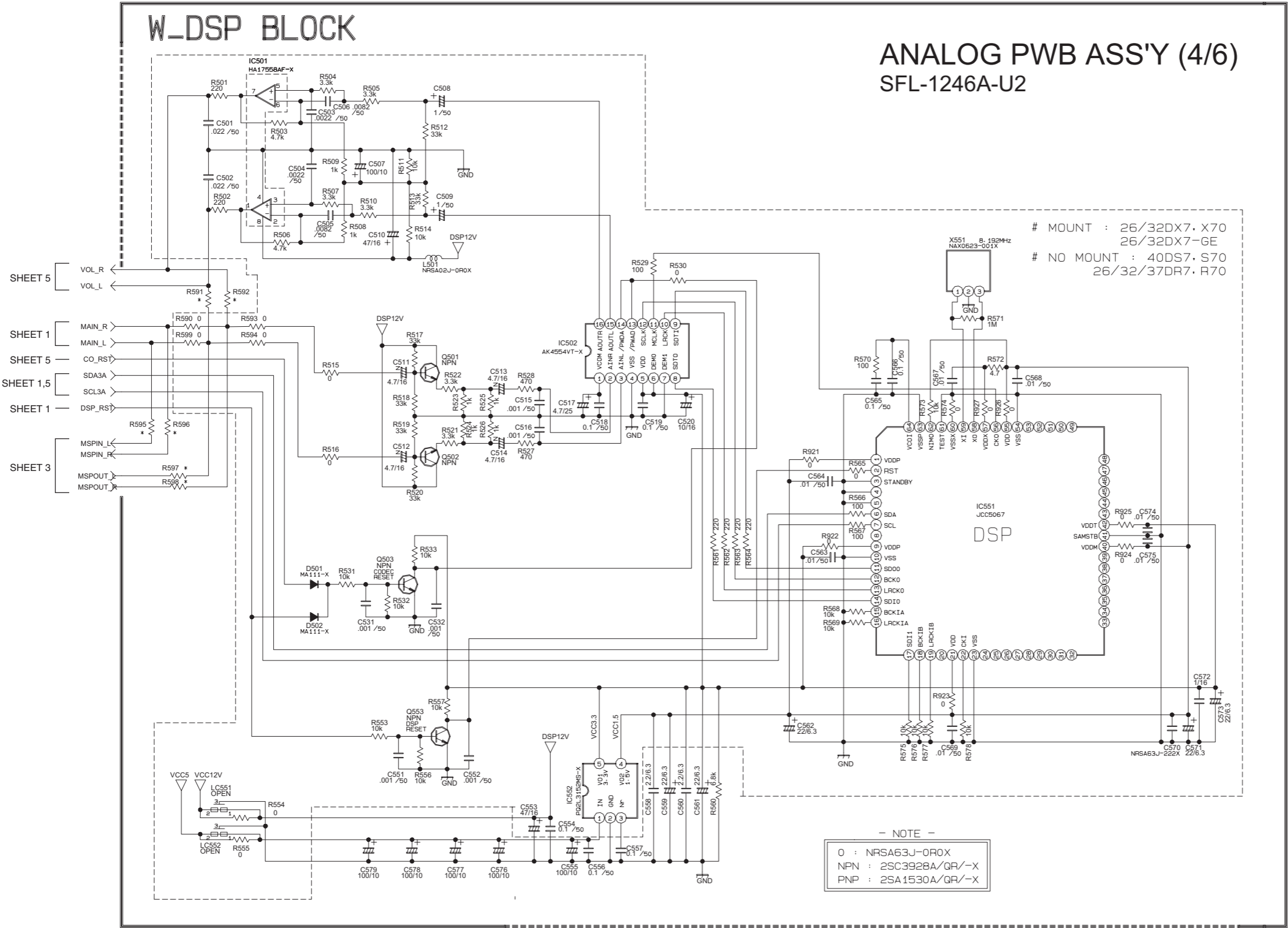




ANALOG PWB ASS'Y (3/6)
SFL-1246A-U2



```
OPEN : OPTION(NON MOUNT)
0 : 0
#1 : 25C2412K/QR/-X
#2 : 25A1037AK/QR/-X
#3 : DTC323TK-X
#4 : DTC144EKA-X
#5 : NCB11AK-106X
```



* DIFFERENCE LIST

NOTE	26.32	40	26.32	26.32.37	26.32	40	26.32.37
MODEL	DX7*JA	DS7	DX7*GE	DR7	X70	S70	R70
Assy No.	SFL-1241A	SFL-1243A	SFL-1245A	SFL-1247A	SFL-1242A	SFL-1244A	SFL-1246A
	OLLCO9839	OLLCO9839-03	OLLCO9839-05	OLLCO9839-07	OLLCO9839-02	OLLCO9839-04	OLLCO9839-06
R591	OPEN	0	OPEN	0	OPEN	0	0
R592	OPEN	0	OPEN	0	OPEN	0	0
R595	OPEN	0	OPEN	0	OPEN	0	0
R596	OPEN	0	OPEN	0	OPEN	0	0
R597	OPEN	0	OPEN	0	OPEN	0	0
R598	OPEN	0	OPEN	0	OPEN	0	0

ANALOG PWB ASS'Y (5/6)
SFL-1246A-U2

- NOTE -
O : NPSA63J-OR0X
*1 : 2SC3928A/QR/-X
*2 : 2SA1530A/QR/-X
BW1 : QUY153-050Y
BW2 : QUY160-100Y

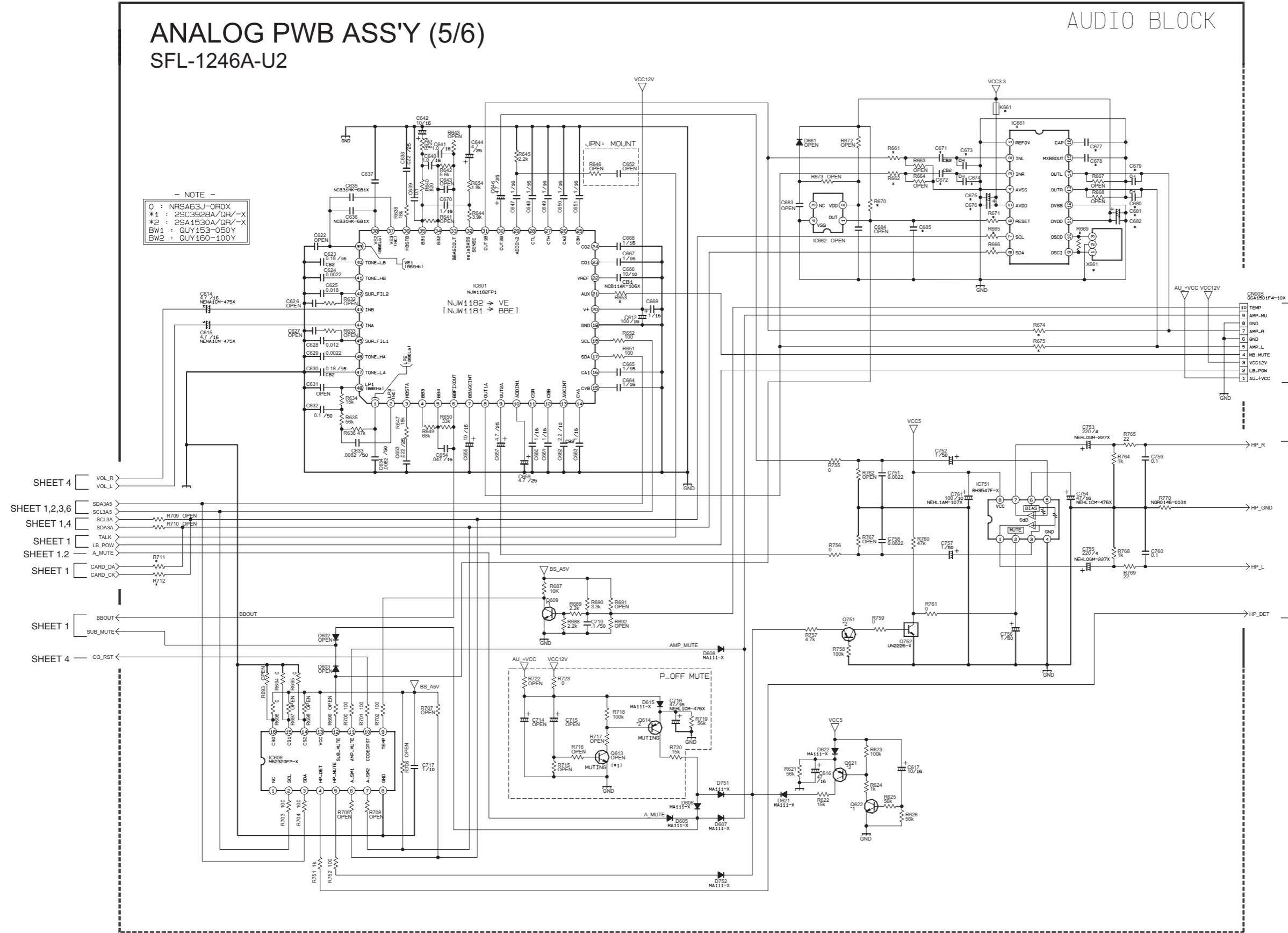
AUDIO BLOCK

* DIFFERENCE LIST

NOTE	26_32	40	26_32	26_32_37	26_32	40	26_32_37
MODEL	DX7*JA	DS7	DX7*GE	DR7	X70	S70	R70
Assy No.	SFL-1241A	SFL-1243A	SFL-1245A	SFL-1247A	SFL-1248A	SFL-1244A	SFL-1246A
DLCC09839	DLCC09839-03	DLCC09839-03	DLCC09839-05	DLCC09839-07	DLCC09839-02	DLCC09839-04	DLCC09839-06
C671	2.2/10	2.2/10	2.2/10	OPEN	2.2/10	2.2/10	OPEN
C672	2.2/10	2.2/10	2.2/10	OPEN	2.2/10	2.2/10	OPEN
C673	33p	33p	33p	OPEN	33p	33p	OPEN
C674	33p	33p	33p	OPEN	33p	33p	OPEN
C675	10/16	10/16	10/16	OPEN	10/16	10/16	OPEN
C676	0.1	0.1	0.1	OPEN	0.1	0.1	OPEN
C677	1/16	1/16	1/16	OPEN	1/16	1/16	OPEN
C678	0.015	0.015	0.015	OPEN	0.015	0.015	OPEN
C679	33p	33p	33p	OPEN	33p	33p	OPEN
C680	33p	33p	33p	OPEN	33p	33p	OPEN
C681	10/16	10/16	10/16	OPEN	10/16	10/16	OPEN
C682	0.1	0.1	0.1	OPEN	0.1	0.1	OPEN
C685	0.1	0.1	0.1	OPEN	0.1	0.1	OPEN
IC661	MX3000	MX3000	MX3000	OPEN	MX3000	MX3000	OPEN
K661	NGR0499-0022	NGR0499-0022	NGR0499-0022	OPEN	NGR0499-0022	NGR0499-0022	OPEN
R653	5.6k	5.6k	5.6k	OPEN	5.6k	5.6k	OPEN
R661	3.3k	6.8k	3.3k	OPEN	3.3k	6.8k	OPEN
R662	3.3k	6.8k	3.3k	OPEN	3.3k	6.8k	OPEN
R665	100	100	100	OPEN	100	100	OPEN
R666	100	100	100	OPEN	100	100	OPEN
R669	1M	1M	1M	OPEN	1M	1M	OPEN
R670	10k	10k	10k	OPEN	10k	10k	OPEN
R671	0	0	0	OPEN	0	0	OPEN
R674	OPEN	OPEN	OPEN	0	OPEN	OPEN	0
R675	OPEN	OPEN	OPEN	0	OPEN	OPEN	0
X661	NAX0857-001X	NAX0857-001X	NAX0857-001X	OPEN	NAX0857-001X	NAX0857-001X	OPEN
R711	0	0	0	OPEN	0	0	OPEN
R712	0	0	0	OPEN	0	0	OPEN

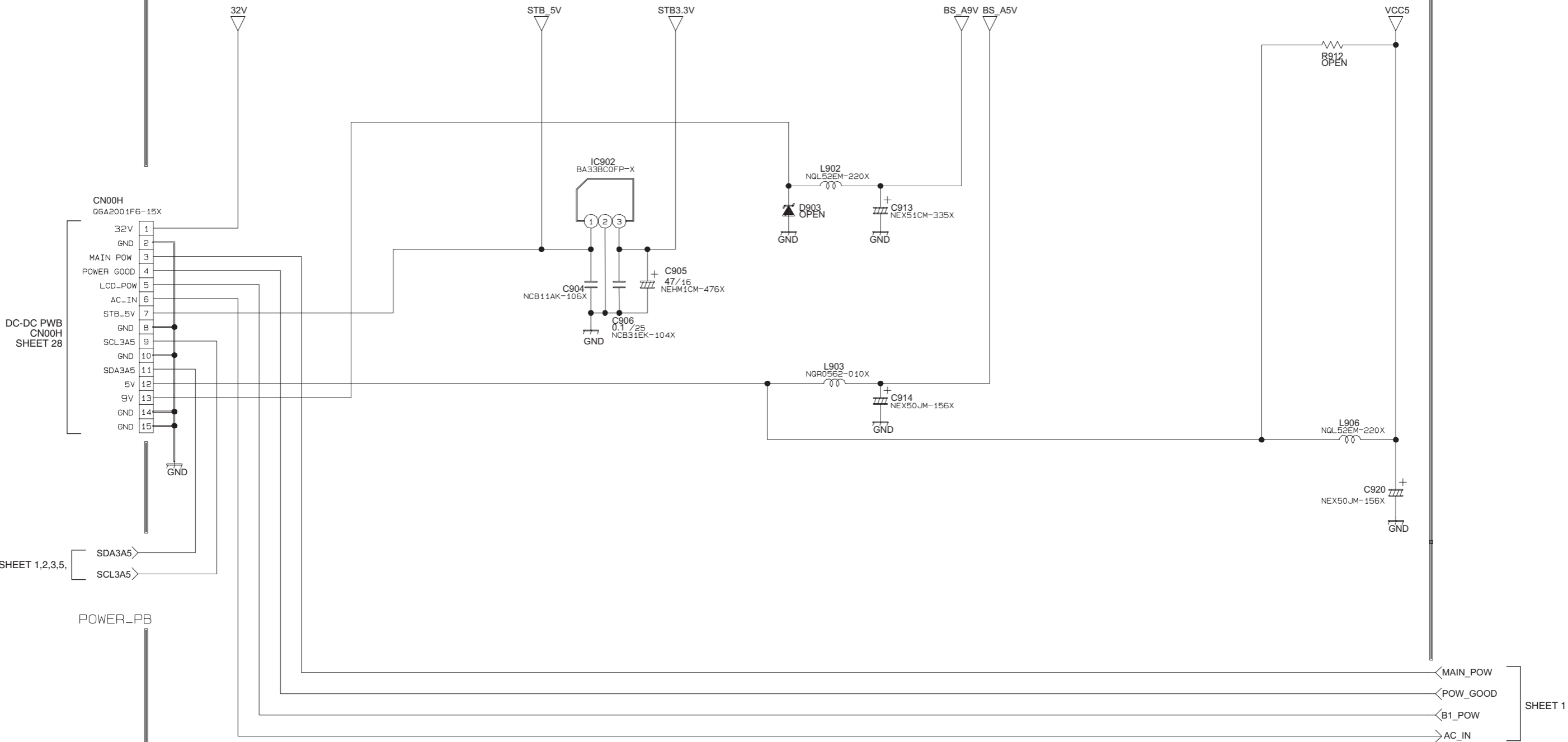
D-AMP PWB
CN00S
SHEET 27

SHEET 1

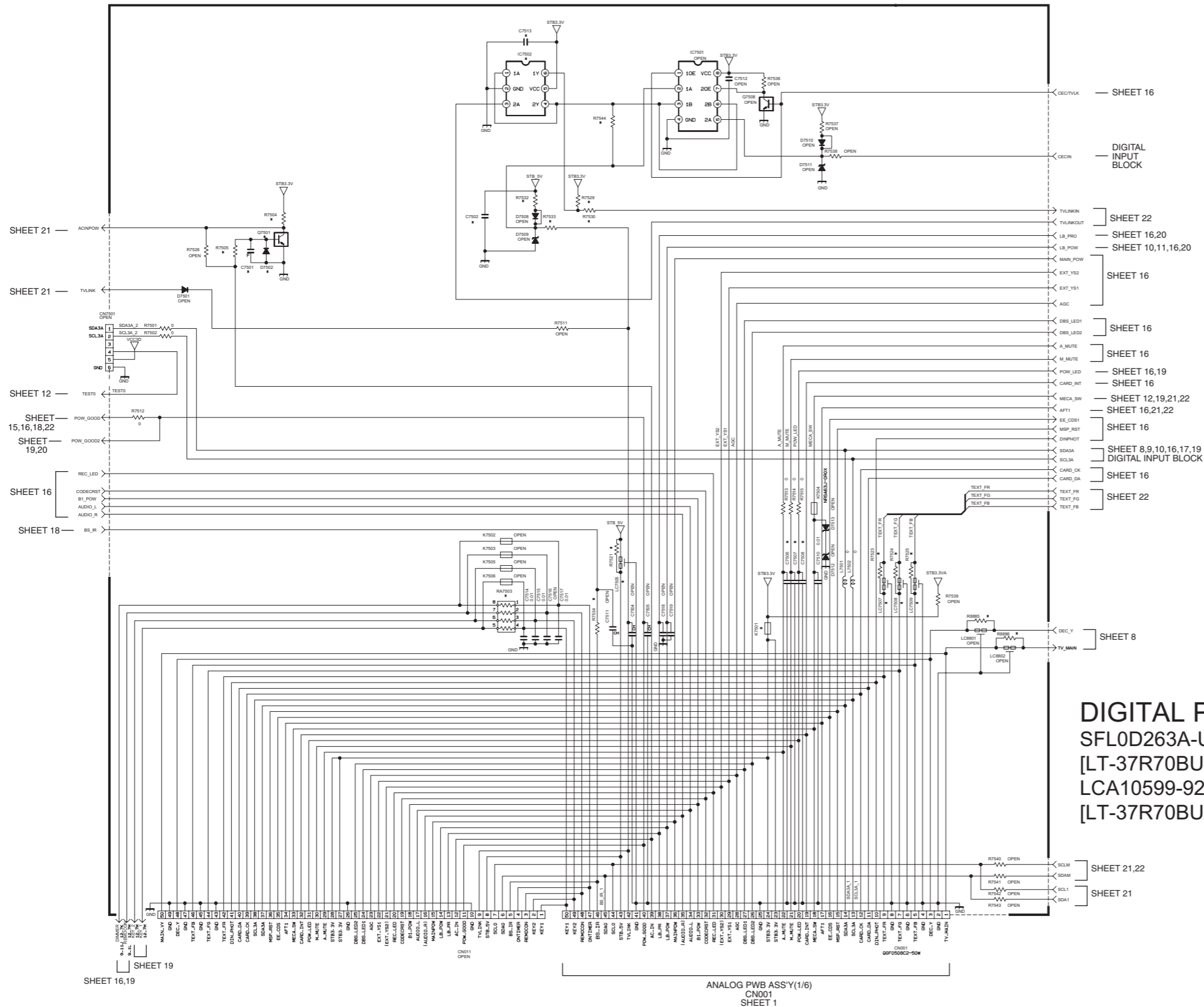


POWER BLOCK

ANALOG PWB ASS'Y (6/6)
SFL-1246A-U2



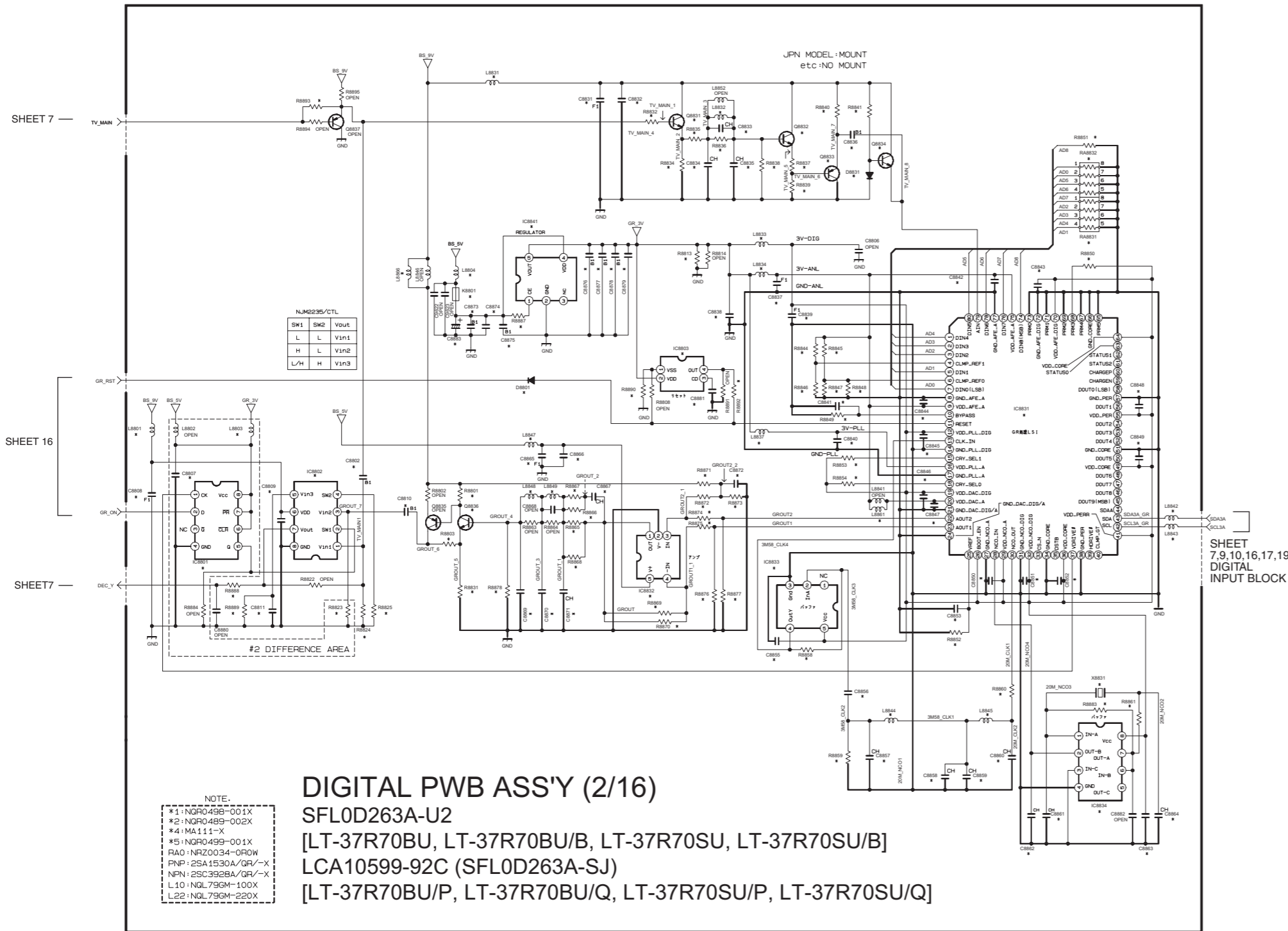
* There is no DIFFERENCE LIST in sheet5.

[illegible]

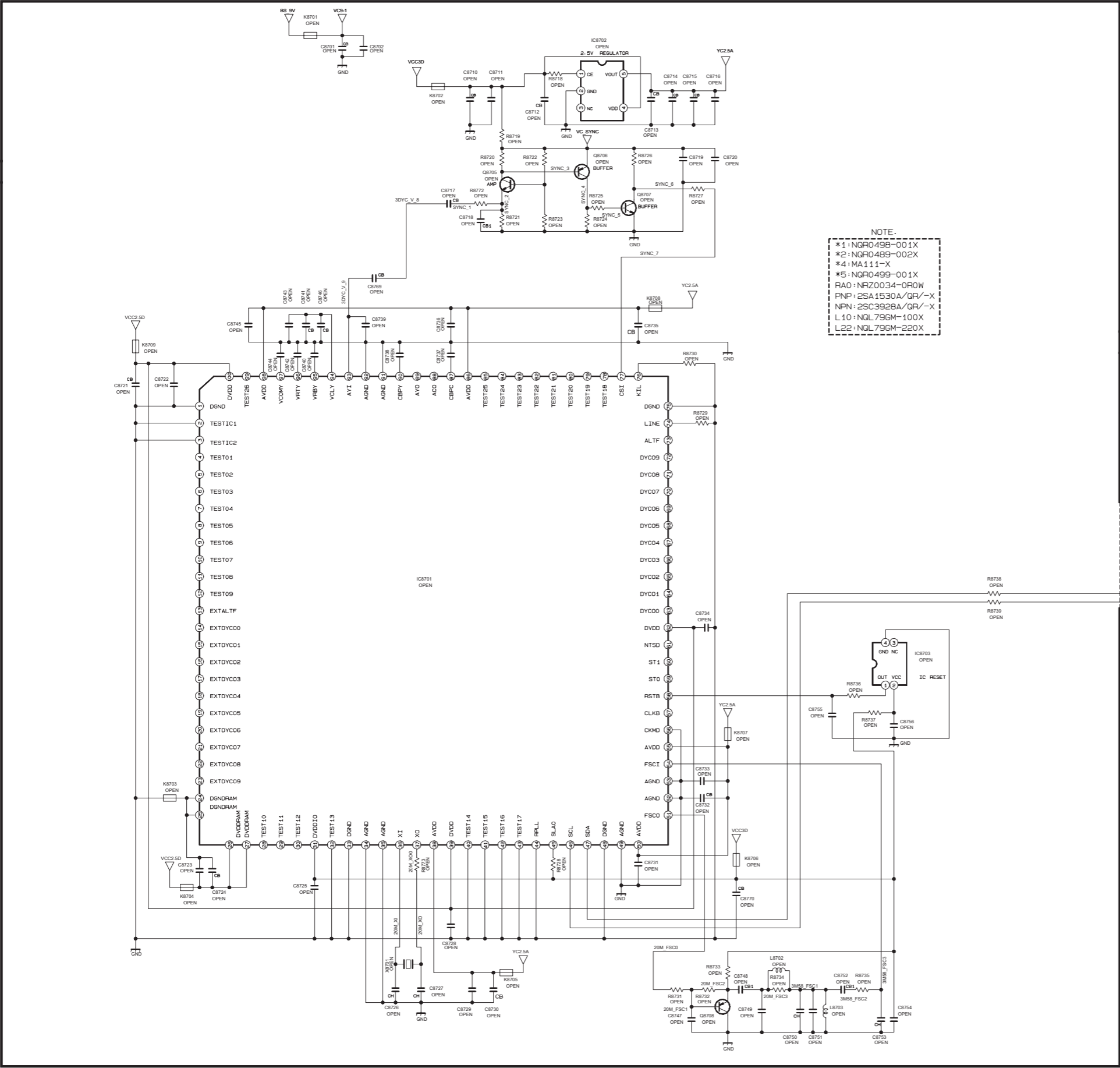
NOTE.

*1:NGR0498-001X
*2:NGR0489-002X
*4:MA111-X
*5:NGR0499-001X
RA0:NRZ0034-0R0W
PNP:2SA1530A/GR/-X
NPN:2SC3928A/GR/-X
L10:NQL796M-100X
L22:NQL796M-220X

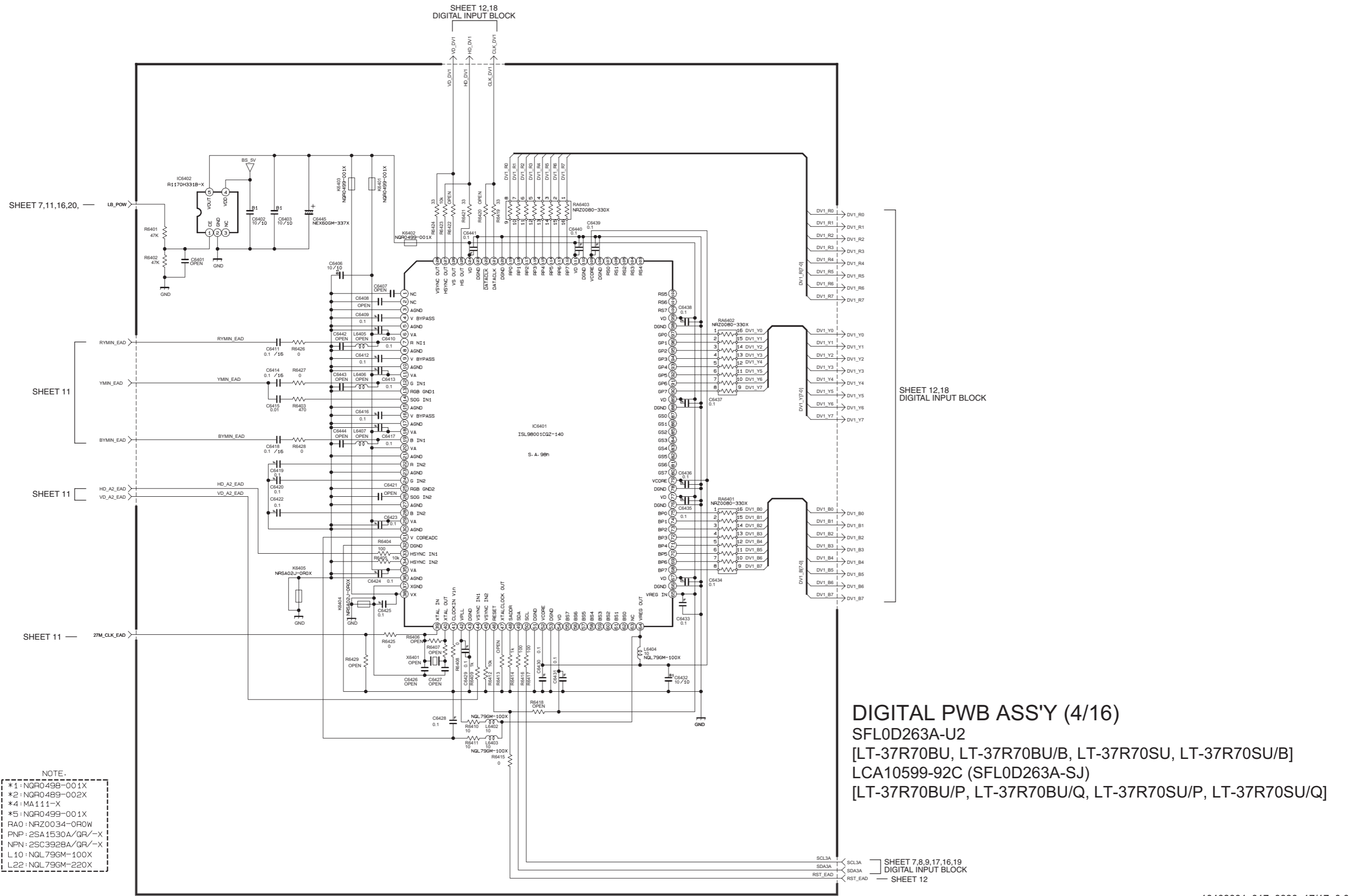
DIGITAL PWB ASS'Y (1/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]



* DIFFERENCE LIST																												LSD										EU										ASIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
TYPE	JPN										US										TAIWAN										JP										EU										ASIA																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
DNCH	25	32	37	40	45	48	50	55	58	60	65	68	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1000	1005	1010	1015	1020	1025	1030	1035	1040	1045	1050	1055	1060	1065	1070	1075	1080	1085	1090	1095	1100	1105	1110	1115	1120	1125	1130	1135	1140	1145	1150	1155	1160	1165	1170	1175	1180	1185	1190	1195	1200	1205	1210	1215	1220	1225	1230	1235	1240	1245	1250	1255	1260	1265	1270	1275	1280	1285	1290	1295	1300	1305	1310	1315	1320	1325	1330	1335	1340	1345	1350	1355	1360	1365	1370	1375	1380	1385	1390	1395	1400	1405	1410	1415	1420	1425	1430	1435	1440	1445	1450	1455	1460	1465	1470	1475	1480	1485	1490	1495	1500	1505	1510	1515	1520	1525	1530	1535	1540	1545	1550	1555	1560	1565	1570	1575	1580	1585	1590	1595	1600	1605	1610	1615	1620	1625	1630	1635	1640	1645	1650	1655	1660	1665	1670	1675	1680	1685	1690	1695	1700	1705	1710	1715	1720	1725	1730	1735	1740	1745	1750	1755	1760	1765	1770	1775	1780	1785	1790	1795	1800	1805	1810	1815	1820	1825	1830	1835	1840	1845	1850	1855	1860	1865	1870	1875	1880	1885	1890	1895	1900	1905	1910	1915	1920	1925	1930	1935	1940	1945	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	2015	2020	2025	2030	2035	2040	2045	2050	2055	2060	2065	2070	2075	2080	2085	2090	2095	2100	2105	2110	2115	2120	2125	2130	2135	2140	2145	2150	2155	2160	2165	2170	2175	2180	2185	2190	2195	2200	2205	2210	2215	2220	2225	2230	2235	2240	2245	2250	2255	2260	2265	2270	2275	2280	2285	2290	2295	2300	2305	2310	2315	2320	2325	2330	2335	2340	2345	2350	2355	2360	2365	2370	2375	2380	2385	2390	2395	2400	2405	2410	2415	2420	2425	2430	2435	2440	2445	2450	2455	2460	2465	2470	2475	2480	2485	2490	2495	2500	2505	2510	2515	2520	2525	2530	2535	2540	2545	2550	2555	2560	2565	2570	2575	2580	2585	2590	2595	2600	2605	2610	2615	2620	2625	2630	2635	2640	2645	2650	2655	2660	2665	2670	2675	2680	2685	2690	2695	2700	2705	2710	2715	2720	2725	2730	2735	2740	2745	2750	2755	2760	2765	2770	2775	2780	2785	2790	2795	2800	2805	2810	2815	2820	2825	2830	2835	2840	2845	2850	2855	2860	2865	2870	2875	2880	2885	2890	2895	2900	2905	2910	2915	2920	2925	2930	2935	2940	2945	2950	2955	2960	2965	2970	2975	2980	2985	2990	2995	3000	3005	3010	3015	3020	3025	3030	3035	3040	3045	3050	3055	3060	3065	3070	3075	3080	3085	3090	3095	3100	3105	3110	3115	3120	3125	3130	3135	3140	3145	3150	3155	3160	3165	3170	3175	3180	3185	3190	3195	3200	3205	3210	3215	3220	3225	3230	3235	3240	3245	3250	3255	3260	3265	3270	3275	3280	3285	3290	3295	3300	3305	3310	3315	3320	3325	3330	3335	3340	3345	3350	3355	3360	3365	3370	3375	3380	3385	3390	3395	3400	3405	3410	3415	3420	3425	3430	3435	3440	3445	3450	3455	3460	3465	3470	3475	3480	3485	3490	3495	3500	3505	3510	3515	3520	3525	3530	3535	3540	3545	3550	3555	3560	3565	3570	3575	3580	3585	3590	3595	3600	3605	3610	3615	3620	3625	3630	3635	3640	3645	3650	3655	3660	3665	3670	3675	3680	3685	3690	3695	3700	3705	3710	3715	3720	3725	3730	3735	3740	3745	3750	3755	3760	3765	3770	3775	3780	3785	3790	3795	3800	3805	3810	3815	3820	3825	3830	3835	3840	3845	3850	3855	3860	3865	3870	3875	3880	3885	3890	3895	3900	3905	3910	3915	3920	3925	3930	3935	3940	3945	3950	3955	3960	3965	3970	3975	3980	3985	3990	3995	4000	4005	4010	4015	4020	4025	4030	4035	4040	4045	4050	4055	4060	4065	4070	4075	4080	4085	4090	4095	4100	4105	4110	4115	4120	4125	4130	4135	4140	4145	4150	4155	4160	4165	4170	4175	4180	4185	4190	4195	4200	4205	4210	4215	4220	4225	4230	4235	4240	4245	4250	4255	4260	4265	4270	4275	4280	4285	4290	4295	4300	4305	4310	4315	4320	4325	4330	4335	4340	4345	4350	4355	4360	4365	4370	4375	4380	4385	4390	4395	4400	4405	4410	4415	4420	4425	4430	4435	4440	4445	4450	4455	4460	4465	4470	4475	4480	4485	4490	4495	4500	4505	4510	4515	4520	4525	4530	4535	4540	4545	4550	4555	4560	4565	4570	4575	4580	4585	4590	4595	4600	4605	4610	4615	4620	4625	4630	4635	4640	4645	4650	4655	4660	4665	4670	4675	4680	4685	4690	4695	4700	4705	4710	4715	4720	4725	4730	4735	4740	4745	4750	4755	4760	4765	4770	4775	4780	4785	4790	4795	4800	4805	4810	4815	4820	4825	4830	4835	4840	4845	4850	4855	4860	4865	4870	4875	4880	4885	4890	4895	4900	4905	4910	4915	4920	4925	4930	4935	4940	4945	4950	4955	4960	4965	4970	4975	4980	4985	4990	4995	5000	5005	5010	5015	5020	5025	5030	5035	5040	5045	5050	5055	5060	5065	5070	5075	5080	5085	5090	5095	5100	5105	5110	5115	5120	5125	5130	5135	5140	5145	5150	5155	5160	5165	5170	5175	5180	5185	5190	5195	5200	5205	5210	5215	5220	5225	5230	5235	5240	5245	5250	5255	5260	5265	5270	5275	5280	5285	5290	5295	5300	5305	5310	5315	5320	5325	5330	5335	5340	5345	5350	5355	5360	5365	5370	5375	5380	5385	5390	5395	5400	5405	5410	5415	5420	5425	5430	5435	5440	5445	5450	5455	5460	5465	5470	5475	5480	5485	5490	5495	5500	5505	5510	5515	5520	5525	5530	5535	5540	5545	5550	5555	5560	5565	5570	5575	5580	5585	5590	5595	5600	5605	5610	5615	5620	5625	5630	5635	5640	5645	5650	5655	5660	5665	5670	5675	5680	5685	5690	5695	5700	5705	5710	5715	5720	5725	5730	5735	5740	5745	5750	5755	5760	5765	5770	5775	5780	5785	5790	5795	5800	5805	5810	5815	5820	5825	5830	5835	5840	5845	5850	5855	5860	5865	5870	5875	5880	5885	5890	5895	5900	5905	5910	5915	5920	5925	5930	5935	5940	5945	5950	5955	5960	5965	5970	5975	5980	5985	5990	5995	6000	6005	6010	6015	6020	6025	6030	6035	6040	6045	6050	6055	6060	6065	6070	6075	6080	6085	6090	6095	6100	6105	6110	6115	6120	6125	6130	6135	6140	6145	6150	6155	6160	6165	6170	6175	6180	6185	6190	6195	6200	6205	6210	6215	6220	6225	6230	6235	6240	6245	6250	6255	6260	6265	6270	6275	6280	6285	6290	6295	6300	6305	6310	6315	6320	6325	6330	6335	6340	6345	6350	6355	6360	6365	6370	6375	6380	6385	6390	6395	6400	6405	6410	6415	6420	6425	6430	6435	6440	6445	6450	6455	6460	6465	6470	6475	6480	6485	6490	6495	6500	6505	6510	6515	6520	6525	6530	6535	6540	6545	6550	6555	6560	6565	6570	6575	6580	6585	6590	6595	6600	6605	6610	6615	6620	6625	6630	6635	6640	6645	6650	6655	6660	6665	6670	6675	6680	6685	6690	6695	6700	6705	6710	6715	6720	6725	6730	6735	6740	6745	6750	6755	6760	6765	6770	6775	6780	6785	6790	6795	6800	6805	6810	6815	6820	6825	6830	6835	6840	6845	6850	6855	6860	6865	6870	6875	6880	6885	6890	6895	6900	6905	6910	6915	6920	6925	6930



DIGITAL PWB ASS'Y (3/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]



DIGITAL PWB ASS'Y (5/16)

SFL0D263A-U2

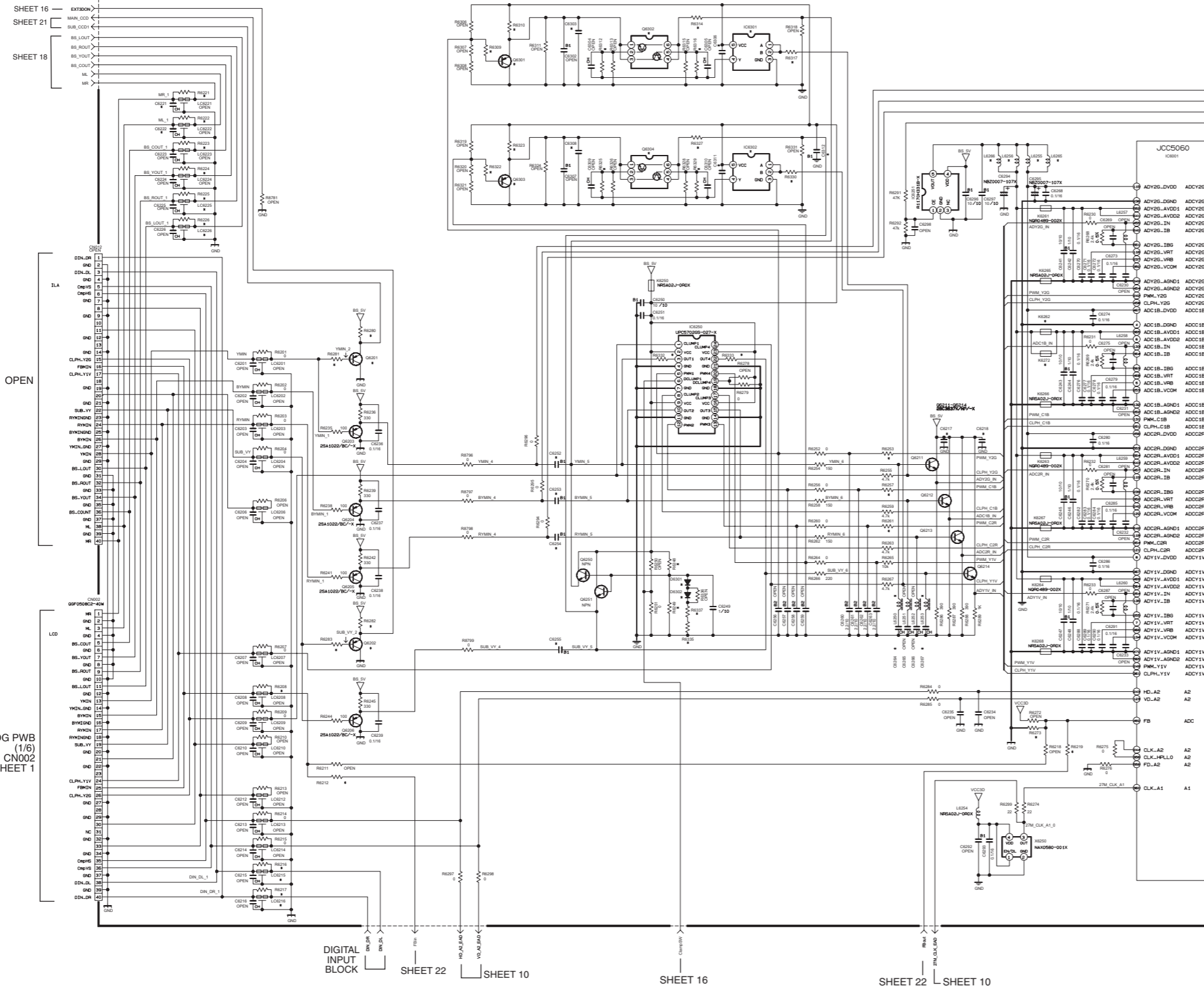
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]

LCA10599-92C (SFL0D263A-SJ)

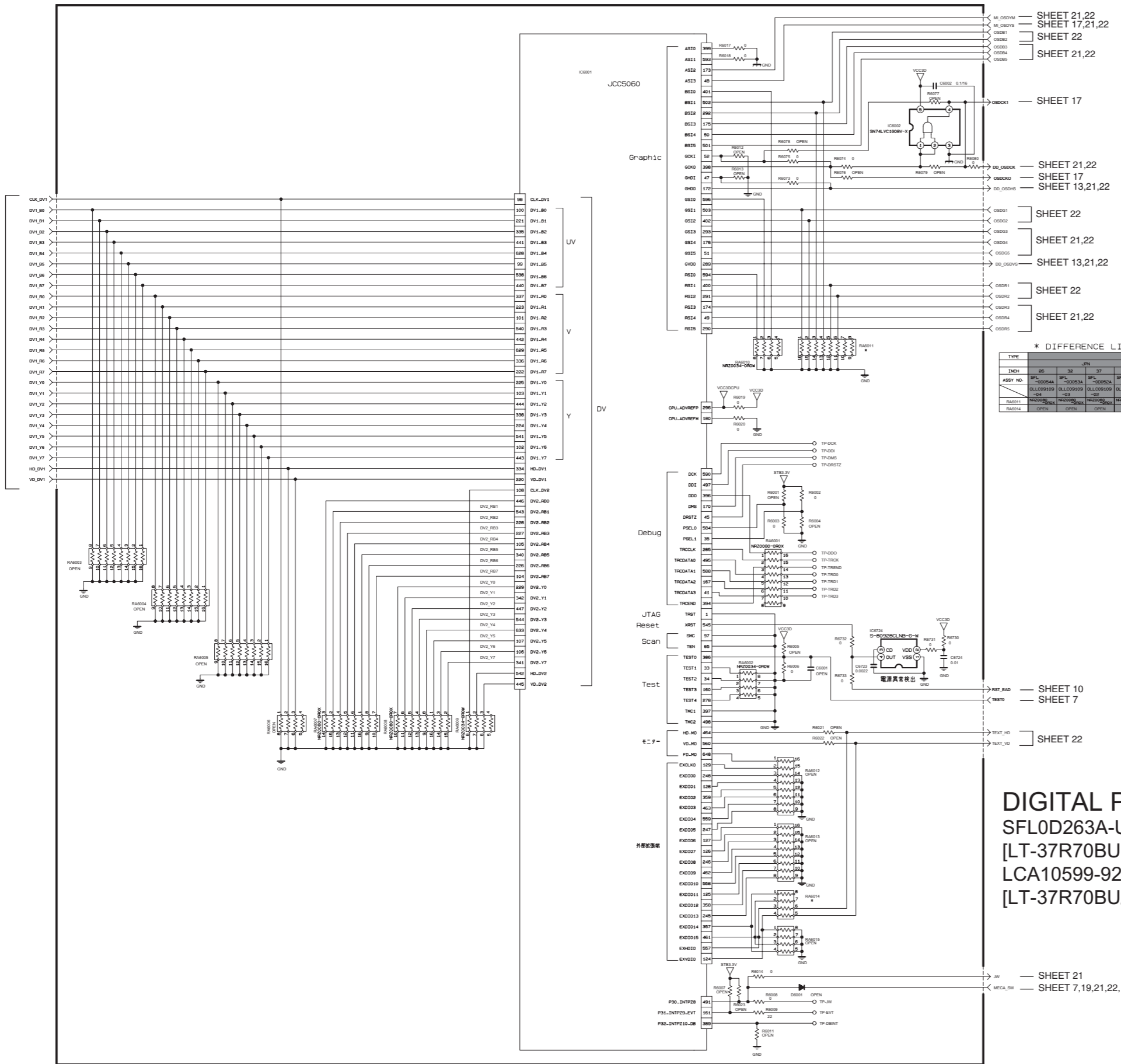
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]

NOTE.

*1:NGR0498-001X
*2:NGR0489-002X
*4:MA111-X
*5:NGR0499-001X
RA0:NRZ0034-0ROW
PNP:2SA1530A/QR/-X
NPN:2SC3928A/QR/-X
L10:NGL79GM-100X
L22:NGL79GM-220X

[illegible]

SHEET 10.18
DIGITAL INPUT
BLOCK

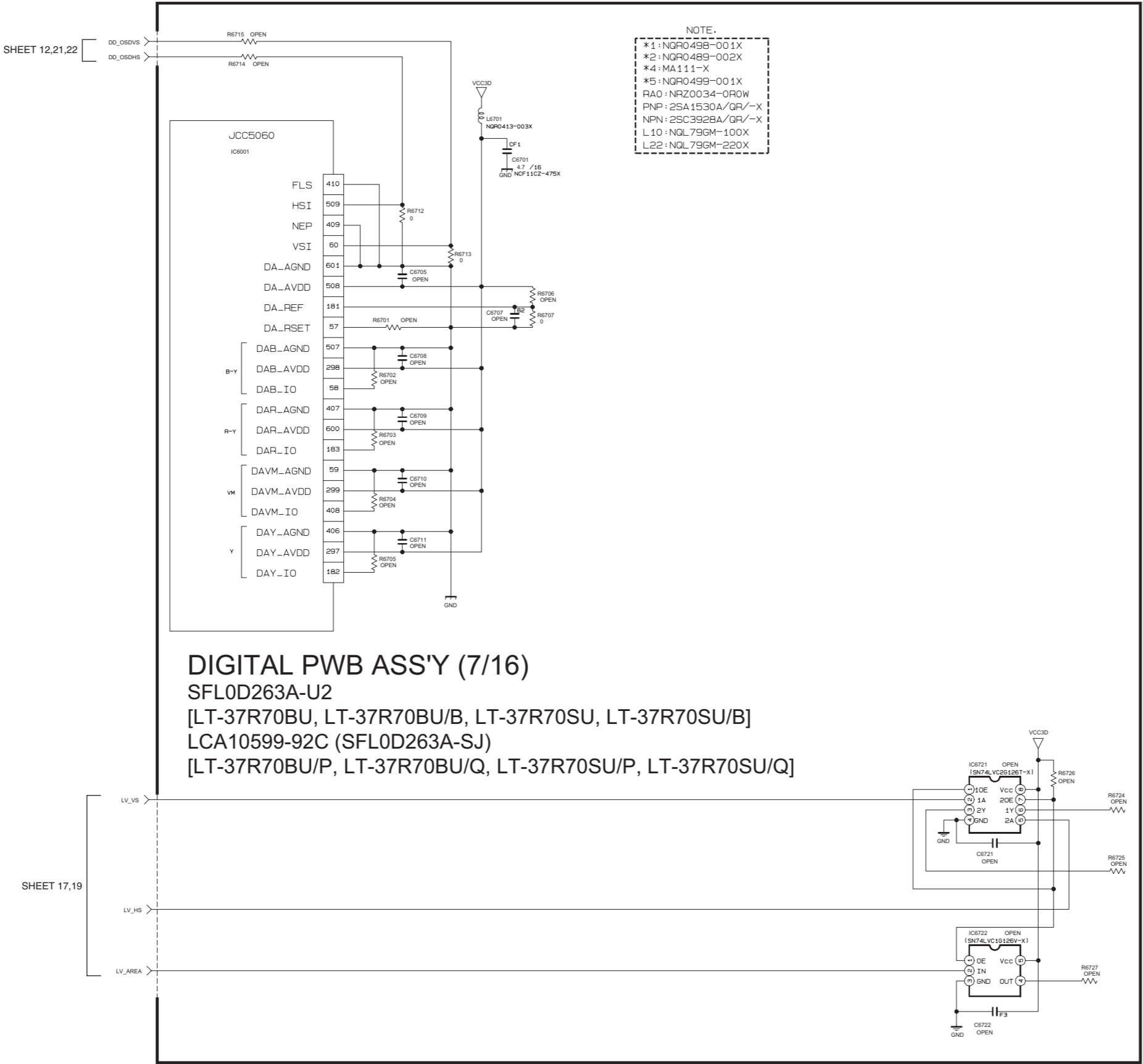


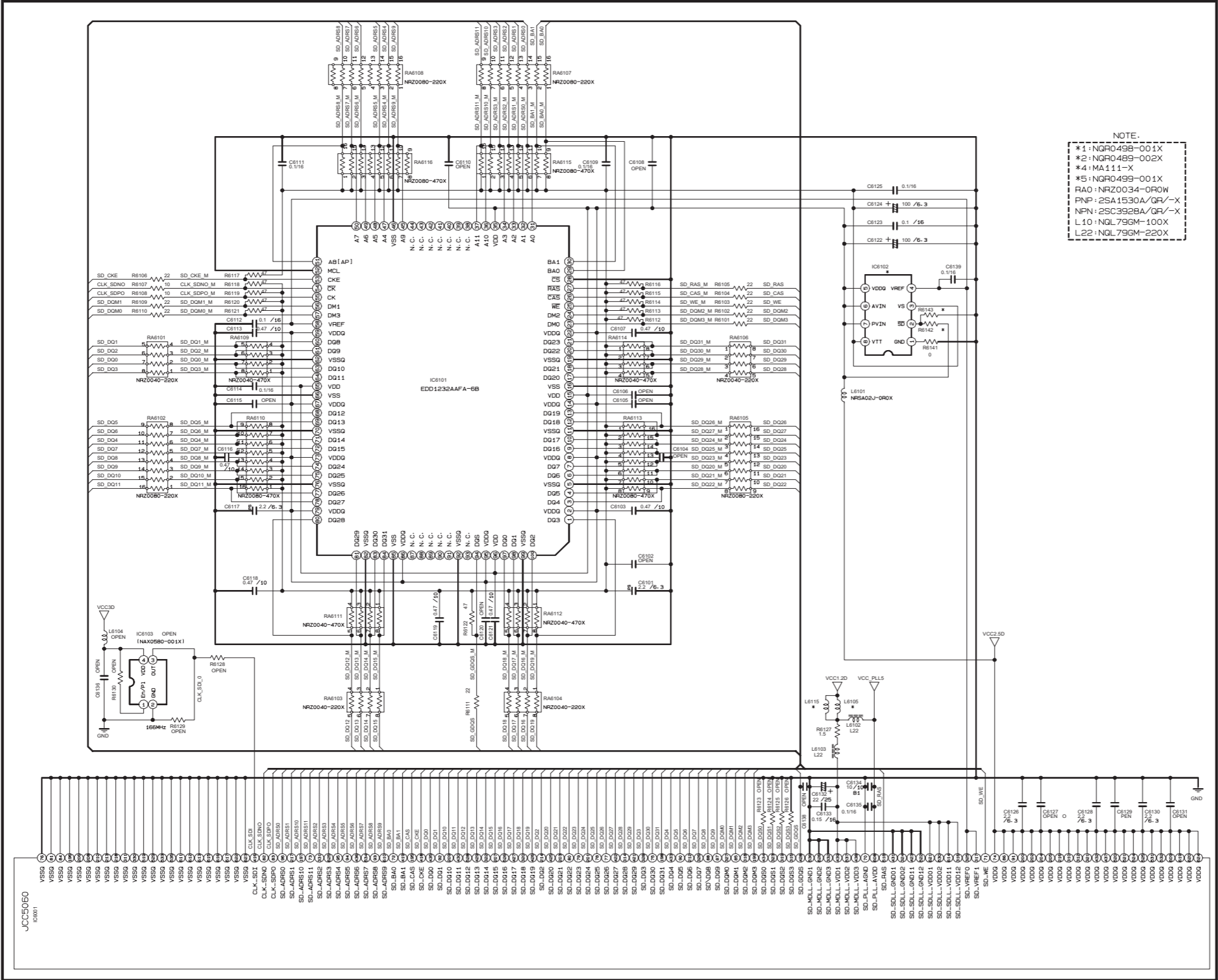
NOTE:
*1: NQR0498-001X
*2: NQR0489-002X
*3: MA111-X
*4: NQR0499-001X
*5: NQR0499-001X
RA0: NRZ0034-OROW
PNP: 2SA1530A/GR/-X
NPN: 2SC3928A/GR/-X
L10: NQL79GM-100X
L22: NQL79GM-220X

* DIFFERENCE LIST

TYPE	JPN	US	TATMAN	EU	ASIA
INCH	26	32	37	40	40
ASBY NO.	SFL "00054A"	SFL "00053A"	SFL "00052A"	SFL "00051A"	SFL "00050A"
RA6011	NRZ0034-OROW	NRZ0034-OROW	NRZ0034-OROW	NRZ0034-OROW	NRZ0034-OROW
RA6014	OPEN	OPEN	OPEN	OPEN	OPEN

DIGITAL PWB ASS'Y (6/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]





NOTE.
*1: NQR049B-001X
*2: NQR049B-002X
*4: MA111-X
*5: NQR049B-001X
RA0: NRZ0034-0R0W
PNP: 2SA1530A/GP/-X
NPN: 2SC392BA/GP/-X
L10: NQL796M-100X
L22: NQL796M-220X

* DIFFERENCE LIST																														
TYPE	JPN					US					TAIWAN					LCD					EU					ASTA				
INCH	26	32	37	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40									
ASSY NO.	SFL -00054A QLLC09109 -04	SFL -00053A QLLC09109 -03	SFL -00052A QLLC09109 -02	SFL -00051A QLLC09109 -01	SFL -00050A QLLC09109 -00	SFL -00049A QLLC09109 -00	SFL -00048A QLLC09109 -00	SFL -00047A QLLC09109 -00	SFL -00046A QLLC09109 -00	SFL -00045A QLLC09109 -00	SFL -00044A QLLC09109 -00	SFL -00043A QLLC09109 -00	SFL -00042A QLLC09109 -00	SFL -00041A QLLC09109 -00	SFL -00040A QLLC09109 -00	SFL -00039A QLLC09109 -00	SFL -00038A QLLC09109 -00	SFL -00037A QLLC09109 -00	SFL -00036A QLLC09109 -00	SFL -00035A QLLC09109 -00	SFL -00034A QLLC09109 -00									
IC6102	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01	LP2999H1 -01									
L6105	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN									
L6115	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X	NQR049B -001X									
R6142	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0									
R6143	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN									

DIGITAL PWB ASS'Y (8/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]

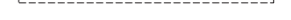
DIGITAL PWB ASS'Y (9/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]

* DIFFERENCE LIST																																										
TYPE	JPN						US						TAIWAN						LCD						EU												ASIA					
INCH	26	32	37	40	40	40	26	32	37	40	40	26	32	37	40	40	26	32	37	40	40	26-32-37	26-32-37	32	40																	
ASSY NO.	SFL-00054A	SFL-00053A	SFL-00052A	SFL-00051A	SFL-00151A	SFL-00152A	SFL-00254A	SFL-00253A	SFL-00252A	SFL-00251A	SFL-00250A	SFL-00257A	SFL-00251A	SFL-00255A	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00	SFL-00																
	00054A109-04	00053A109-03	00052A109-01	00051A109-01	00151A109-01	00152A109-01	00254A109-01	00253A109-01	00252A109-01	00251A109-01	00250A109-01	00257A109-01	00251A109-01	00255A109-01	00	00	00	00	00	00	00	00	00	00	00	00																
IC7201	39VF850A7-TEC043	39VF850A7-TEC044	39VF850A7-TEC045	39VF850A7-TEC046	39VF850A7-TEC047	39VF850A7-TEC048	39VF850A7-TEC049	39VF850A7-TEC050	39VF850A7-TEC051	39VF850A7-TEC052	39VF850A7-TEC053	39VF850A7-TEC054	39VF850A7-TEC055	39VF850A7-TEC056	39VF850A7-TEC057	39VF850A7-TEC058	39VF850A7-TEC059	39VF850A7-TEC060	39VF850A7-TEC061	39VF850A7-TEC062	39VF850A7-TEC063	39VF850A7-TEC064	39VF850A7-TEC065	39VF850A7-TEC066	39VF850A7-TEC067																	
IC7206	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN																
D7201	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN																
K7201	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN																
K7211	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X	NGR0498-002X																	
R7207	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																	
R7236	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																	
R7239	OPEN	OPEN	10k	10k	10k	10k	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN																	
R7240	OPEN	OPEN	NGR0199-003X	NGR0199-003X	NGR0199-003X	NGR0199-003X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN																	
R7243	0	0	OPEN	OPEN	OPEN	OPEN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																	
C7212	0.1	0.1	0.1	0.1	0.1	0.1	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16																	
C7213	0.1	0.1	0.1	0.1	0.1	0.1	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16																	
C7215	OPEN	OPEN	OPEN	OPEN	OPEN	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p	33p																	
C7216	OPEN	OPEN	0.1	0.1	0.1	0.1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN																	

NOTE.

*1:NGR0498-001X
*2:NGR0498-002X
*4:MA111-X
*5:NGR0499-001X
RA0:NRZ0034-OROW
PNP:2SA1530A/QR/-X
NPN:2SC3928A/QR/-X
L10:NQL79GM-100X
L22:NQL79GM-220X

[illegible]

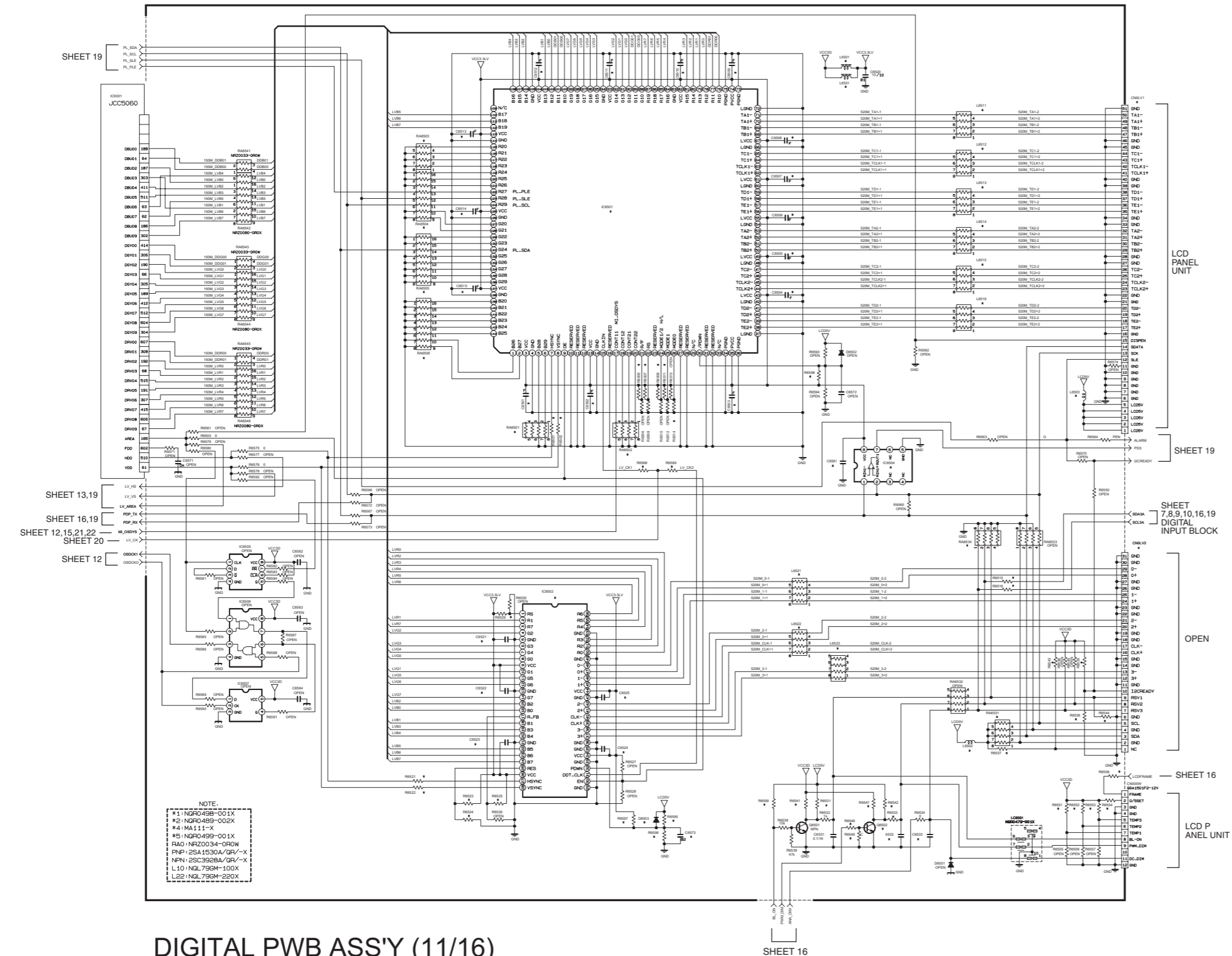


SFL0D263A-U2

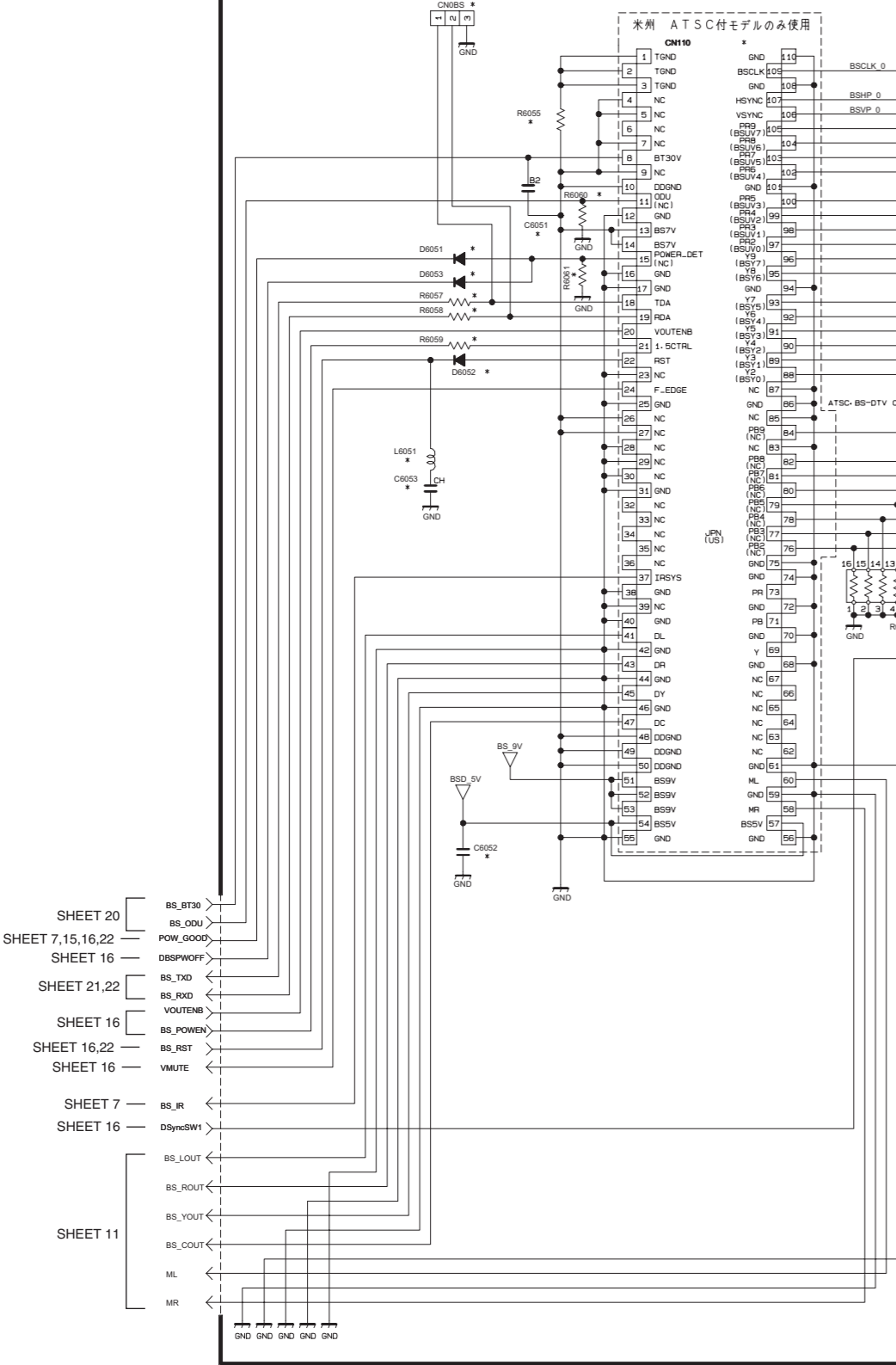
U T 27D70DU 1

LC#A10500.02C (SFL 0D262A S 1)

LT 23D30BLU/D LT 23D30BLU/O

[illegible]

DIGITAL PWB ASS'Y (11/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]



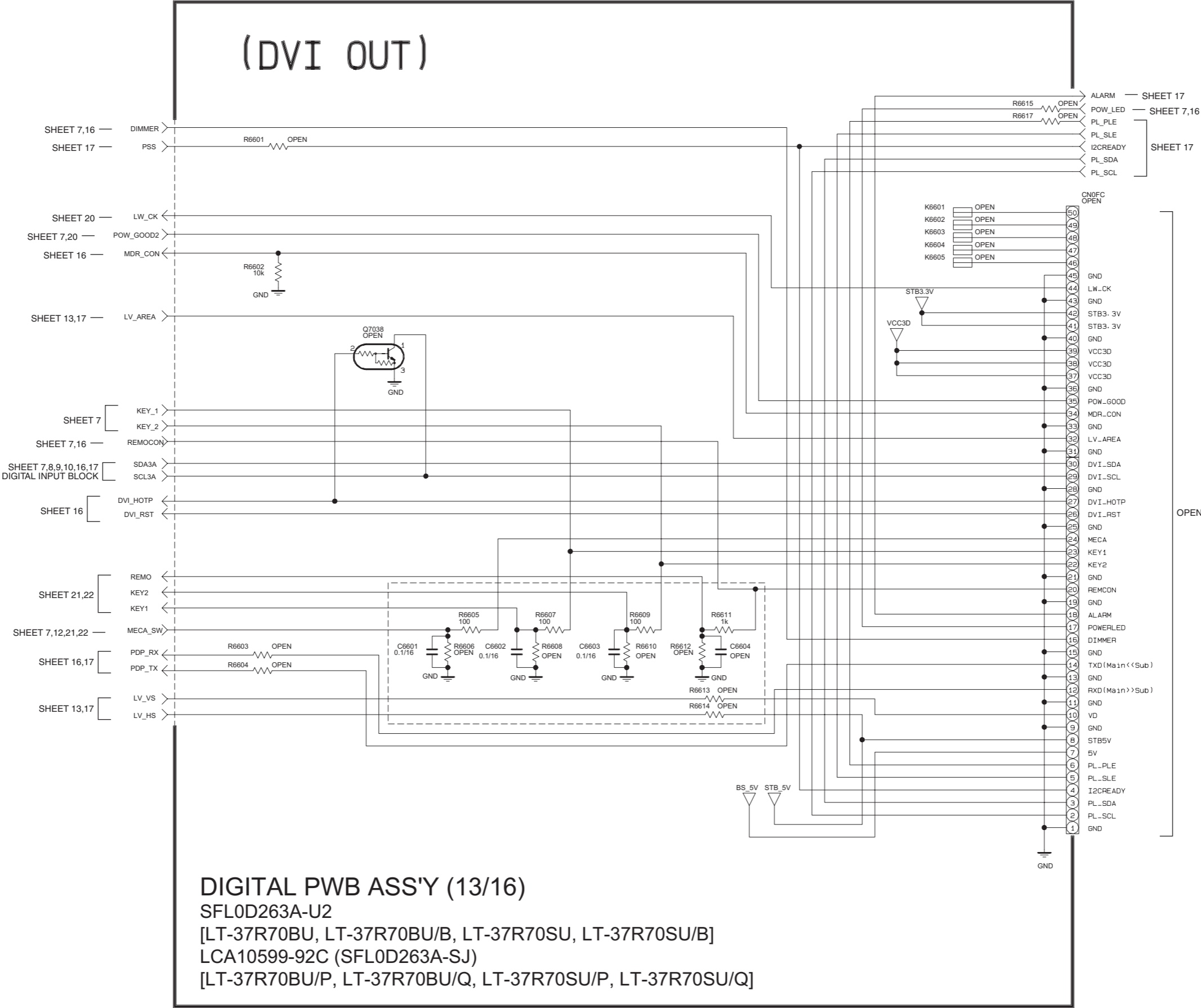
DIGITAL PWB ASS'Y (12/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]

* DIFFERENCE LIST

TYPE	LCD												ASTA			
	JPN				TAIWAN				EU				ASTA			
INCH	26	32	37	40	40	40	26	32	26	32	40	40	26, 32, 37	26, 32, 37	32	40
ASSY NO.	SFL-00054A	SFL-00053A	SFL-00052A	SFL-00051A	SFL-00151A	SFL-00152A	SFL-00254A	SFL-00253A	SFL-00256A	SFL-00257A	SFL-00251A	SFL-00255A	SFL-00261.2.3A	SFL-00264.5.6A	SFL-00355-6A	SFL-00351.2A
QLLC09109	-04	-03	-02	-01	-05	-06	-08	-07	-10	-09	-11	-12	-15 (etc)	-18 (etc)	-19 (etc)	-20 (etc)
CN08S	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W	00A1501C5-03W
CN110	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1	00B0603-1
IC6011	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1
IC6012	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1
IC6013	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1	SN74299-1
D6051	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4
D6052	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4
D6053	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4	*4
L6051	OPEN	OPEN	OPEN	OPEN	NRS1811-00X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6055	NRS1811-00X	NRS1811-00X	NRS1811-00X	NRS1811-00X	NRS1811-00X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6057	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
R6058	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
R6059	0	0	0	0	100	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6060	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6061	OPEN	OPEN	OPEN	OPEN	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6064	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
R6065	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
R6066	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
R6068	OPEN	OPEN	OPEN	OPEN	NRZ0034-00X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
R6072	0	0	0	0	0	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6031	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6051	0.1	0.1	0.1	0.1	0.1	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6052	OPEN	OPEN	OPEN	OPEN	NCJ410K-00X	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6053	OPEN	OPEN	OPEN	OPEN	10p50	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6054	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN
C6055	0.1/16	0.1/16	0.1/16	0.1/16	0.1/16	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN	OPEN

NOTE.
*1: NGR0498-001X
*2: NGR0489-002X
*4: MA111-X
*5: NGR0499-001X
RA0: NRZ0034-000W
PNP: 2SA1530A/GP/-X
NPN: 2SC3928A/GP/-X
L10: NQL79GM-100X
L22: NQL79GM-220X

SHEET 10,12
DIGITAL INPUT BLOCK



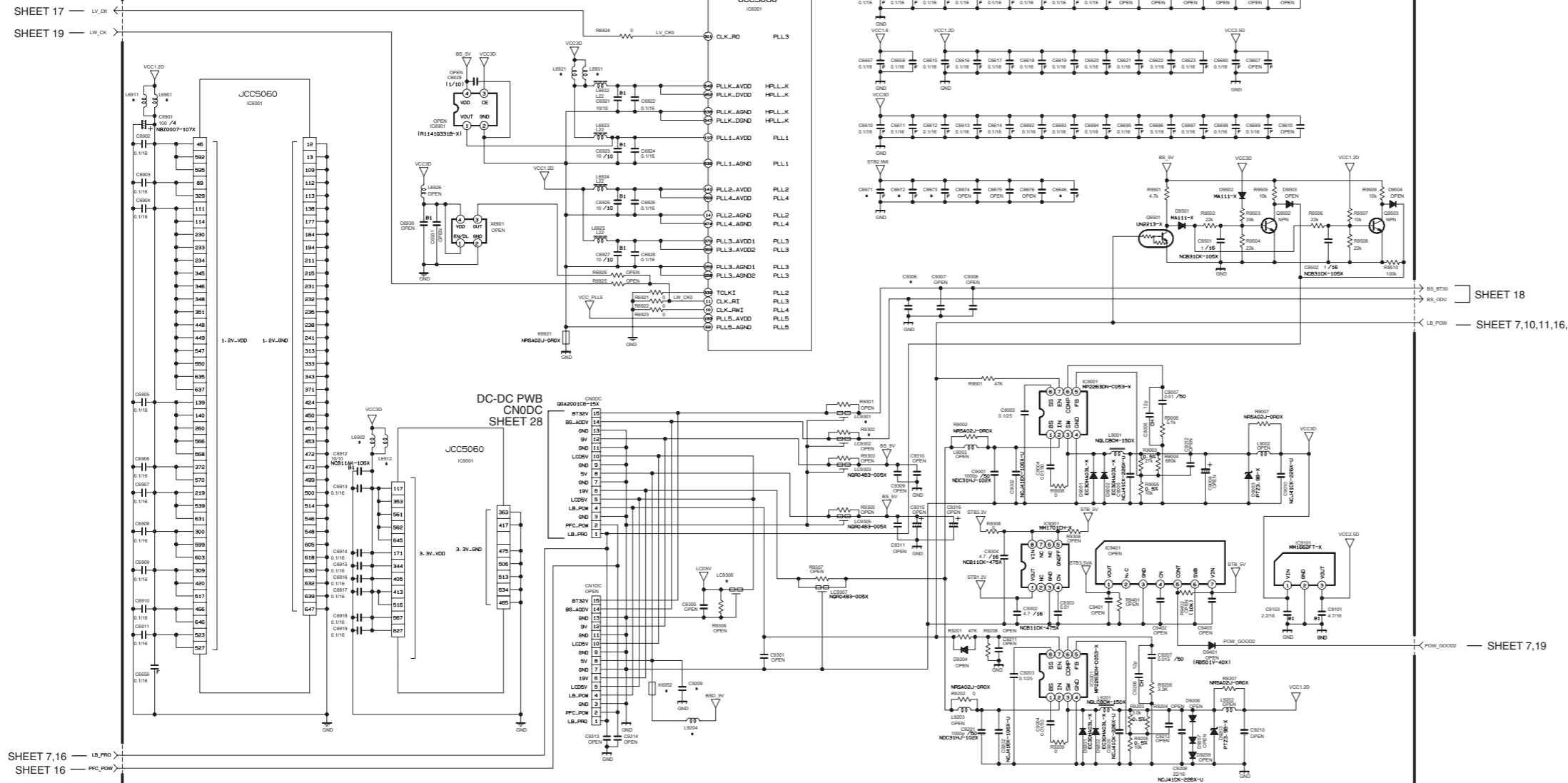
DIGITAL PWB ASS'Y (14/16)

SFL0D263A-U2

[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]

LCA10599-92C (SFL0D263A-SJ)

[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]

[illegible]

NOTE.

*1: NQR0498-001X
*2: NQR0499-002X
*4: MA111-X
*5: NQR0499-001X
RAO: NRZ0034-OROW
PNP: 2SA1530A/GR/-X
NPN: 2SC3928A/GR/-X
L10: NQL796M-100X
L22: NQL796M-220X

DIGITAL PWB ASS'Y (15/16)

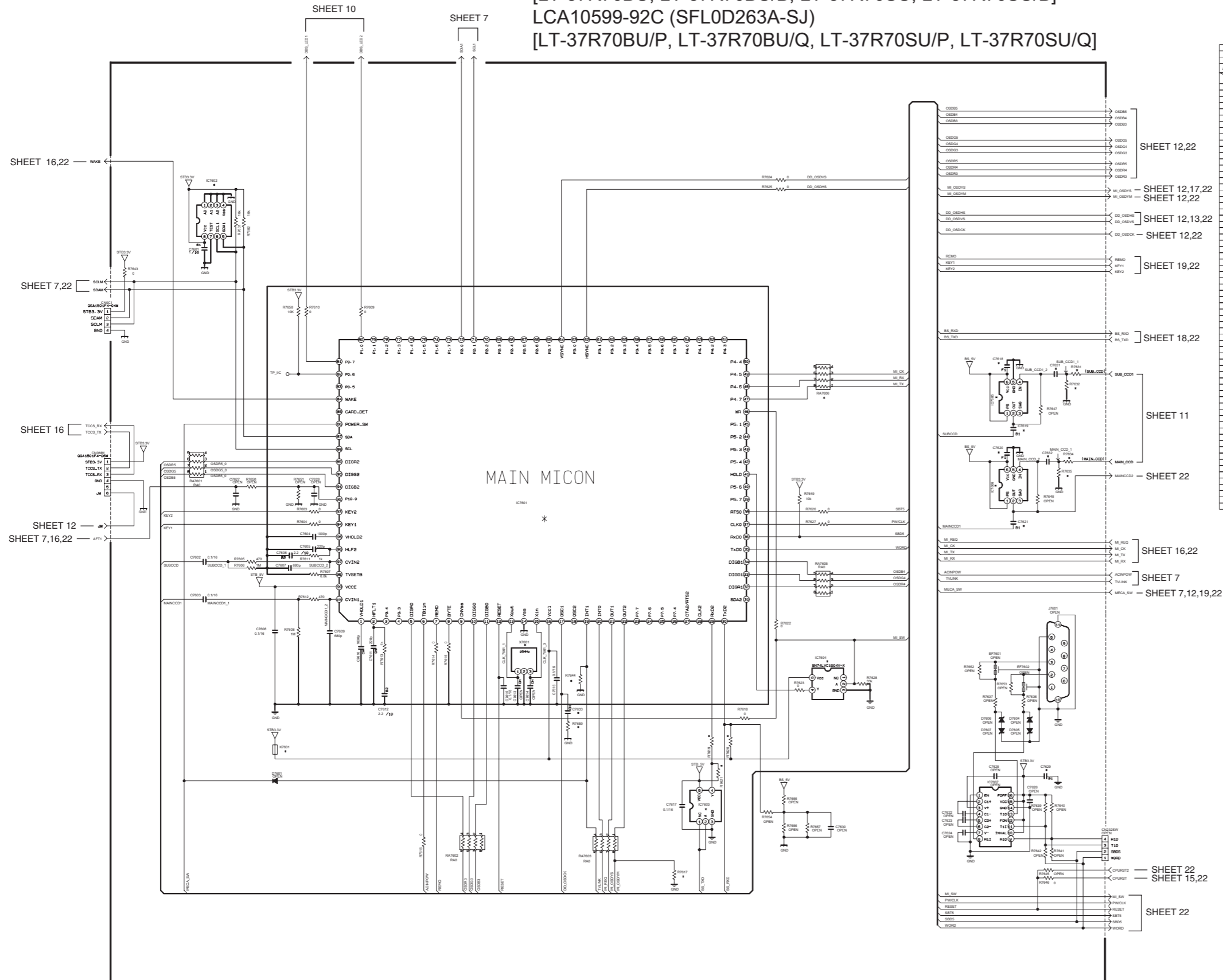
SFL0D263A-U2

[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]

LCA10599-92C (SFL0D263A-SJ)

[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]

NOTE : Refer to the part list for the part number of IC7602.

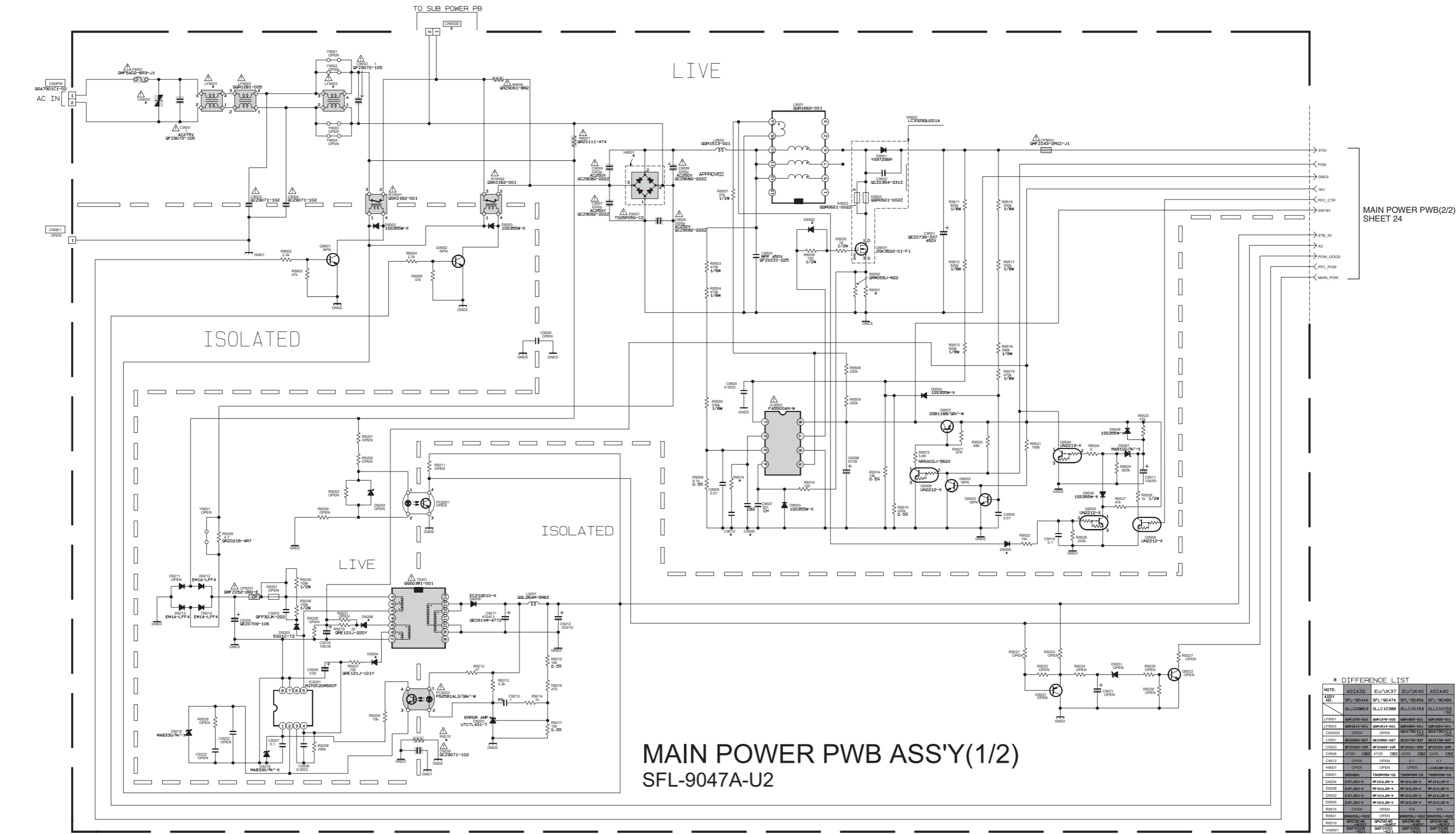
[illegible]

NOTE.

*1:NGR0498-001X
*2:NGR0489-002X
*4:MA111-X
*5:NGR0499-001X
RAO:NRZ0034-0ROW
PNP:2SA1530A/GP/-X
NPN:2SC3928A/GP/-X
L10:NGL79GM-100X
L22:NGL79GM-220X



DIGITAL PWB ASS'Y (16/16)
SFL0D263A-U2
[LT-37R70BU, LT-37R70BU/B, LT-37R70SU, LT-37R70SU/B]
LCA10599-92C (SFL0D263A-SJ)
[LT-37R70BU/P, LT-37R70BU/Q, LT-37R70SU/P, LT-37R70SU/Q]



MAIN POWER PWB
(1/2)
SHEET 23

MAIN POWER PWB
(1/2)
SHEET 23

LIVE ISOLATED

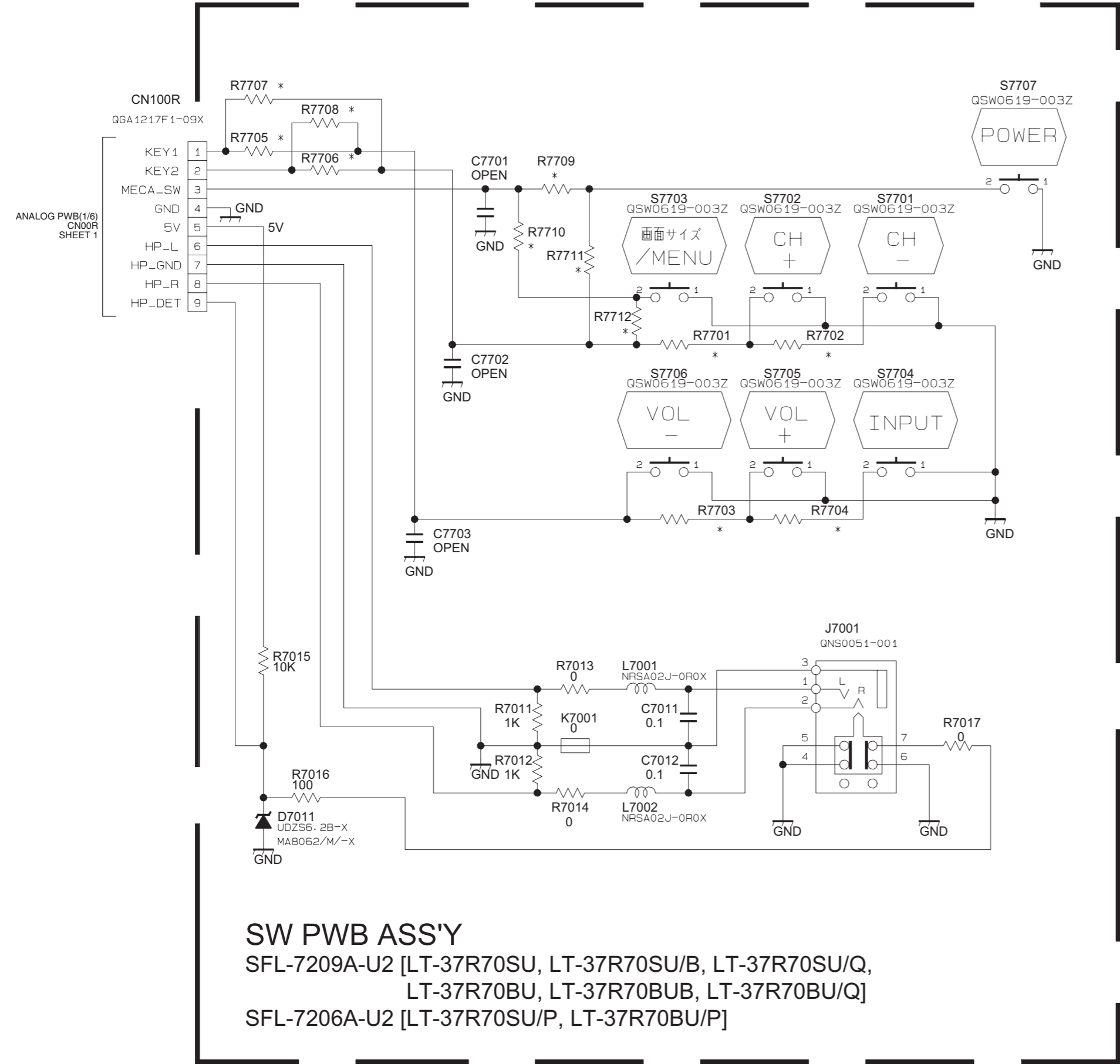
MAIN POWER PWB ASS'Y(2/2)
SFL-9047A-U2

* DIFFERENCE LIST				
NOTE	ASIA32	EU/UK37	EU/UK40	ASIA40
ASSY NO.	SFL-9044A	SFL-9047A	SFL-9048A	SFL-9049A
	OLLCO9803	OLLCO9803	OLLCO9803	OLLCO9803
C9554	GECL1M-6872	GECL1M-6872	OPEN	OPEN
C9555	GECL1M-6872	GECL1M-6872	OPEN	OPEN
C9556	0.022	0.022	OPEN	OPEN
CP9501	QGA2001F6-10X	QGA2001F6-10X	OPEN	OPEN
CP9502	QGA2001F6-10X	QGA2001F6-10X	OPEN	OPEN
D9555	ALU3YV-L-FCA	ALU3YV-L-FCA	OPEN	OPEN
D9556	ALU3YV-L-FCA	ALU3YV-L-FCA	OPEN	OPEN
K9551	NRQ499-002X	NRQ499-002X	OPEN	OPEN
K9552	NRQ499-002X	NRQ499-002X	OPEN	OPEN
C9557	STN11M-1002	STN11M-1002	OPEN	OPEN
C9558	GECL2M-11567	GECL2M-11567	OPEN	OPEN
C9559	10550	10550	OPEN	OPEN
C9560	10550	10550	OPEN	OPEN
C9561	OPEN	OPEN	OPEN	OPEN
C9562	10550	10550	OPEN	OPEN
D9557	D1FL20U-X	RF101L2B-X	OPEN	OPEN
D9558	D1FL20U-X	RF101L2B-X	OPEN	OPEN
D9559	MA3100/H-X	MA3100/H-X	OPEN	OPEN
D9560	MA3100/H-X	MA3100/H-X	OPEN	OPEN
D9561	1S5305W-X	1S5305W-X	OPEN	OPEN
D9562	MA3100/H-X	MA3100/H-X	OPEN	OPEN
C9563	10550	10550	OPEN	OPEN
L9553	NRQ499-002X	NRQ499-002X	OPEN	OPEN
R9552	SPK18LJ-222X	SPK18LJ-222X	OPEN	OPEN
R9553	OPEN	OPEN	OPEN	OPEN
R9554	15k	15k	OPEN	OPEN
R9555	1.2k	1.2k	OPEN	OPEN
R9556	18k	18k	OPEN	OPEN
R9557	BT123C-120	BT123C-120	OPEN	OPEN
R9558	BT123C-120	BT123C-120	OPEN	OPEN
L9553	NRQ499-002X	NRQ499-002X	OPEN	OPEN
R9551	CBW	CBW	OPEN	OPEN
R9552	0	0	OPEN	OPEN
R9553	OPEN	OPEN	0	0
R9554	0	0	OPEN	OPEN
R9555	OPEN	OPEN	0	0
R9556	OPEN	OPEN	CBW	CBW
CN009	OPEN	OPEN	OPEN	OPEN
CN00P	QGA2001F6-10X	QGA2001F6-10X	OPEN	OPEN
T9501	Q950347	Q950347	Q950347	Q950347
T9502	Q950347	Q950347	Q950347	Q950347

MAIN POWER PWB(1/2)
SHEET 23

DC-DC PWB
CN10A
SHEET 28

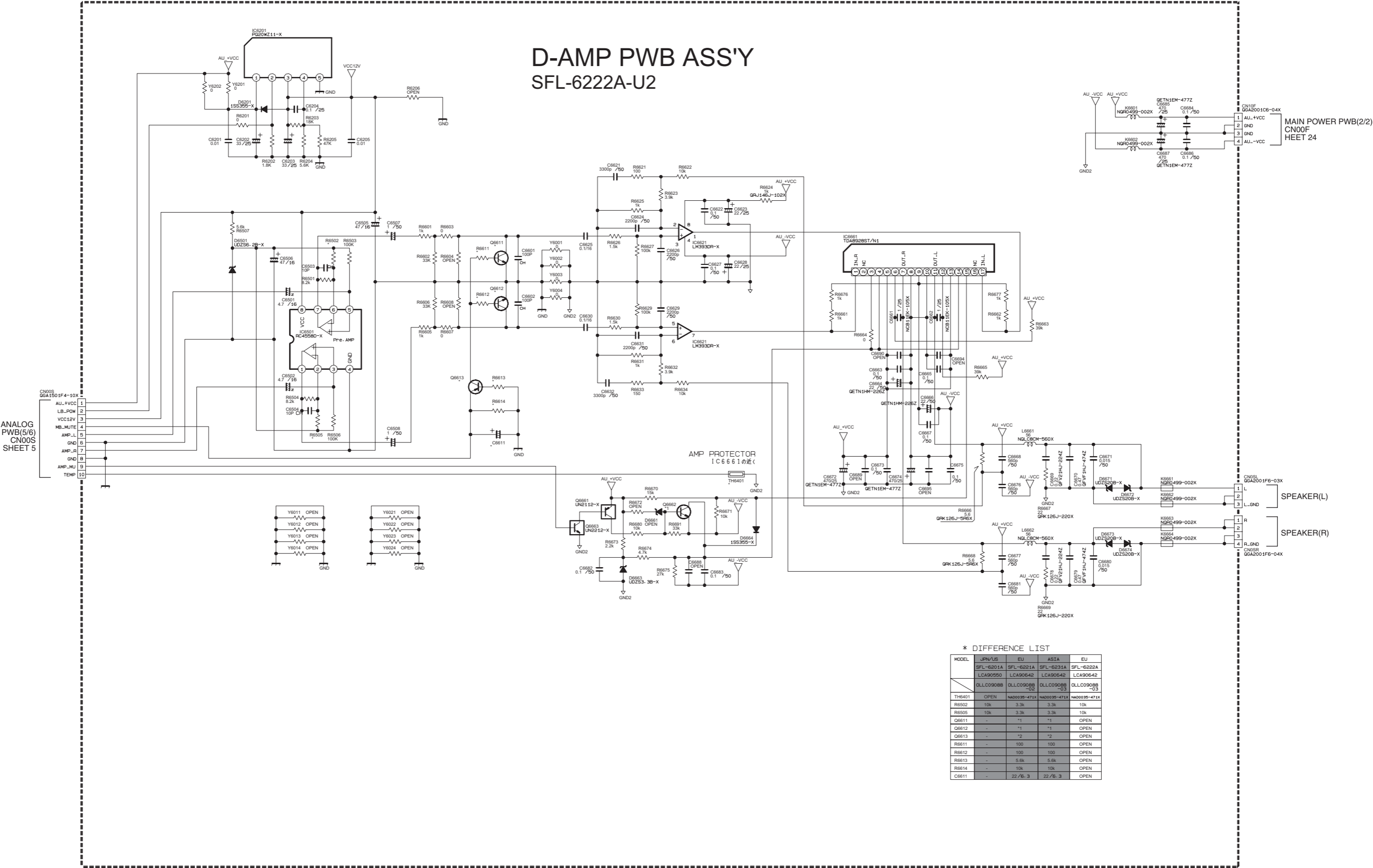
D-AMP PWB
CN10F
SHEET 27

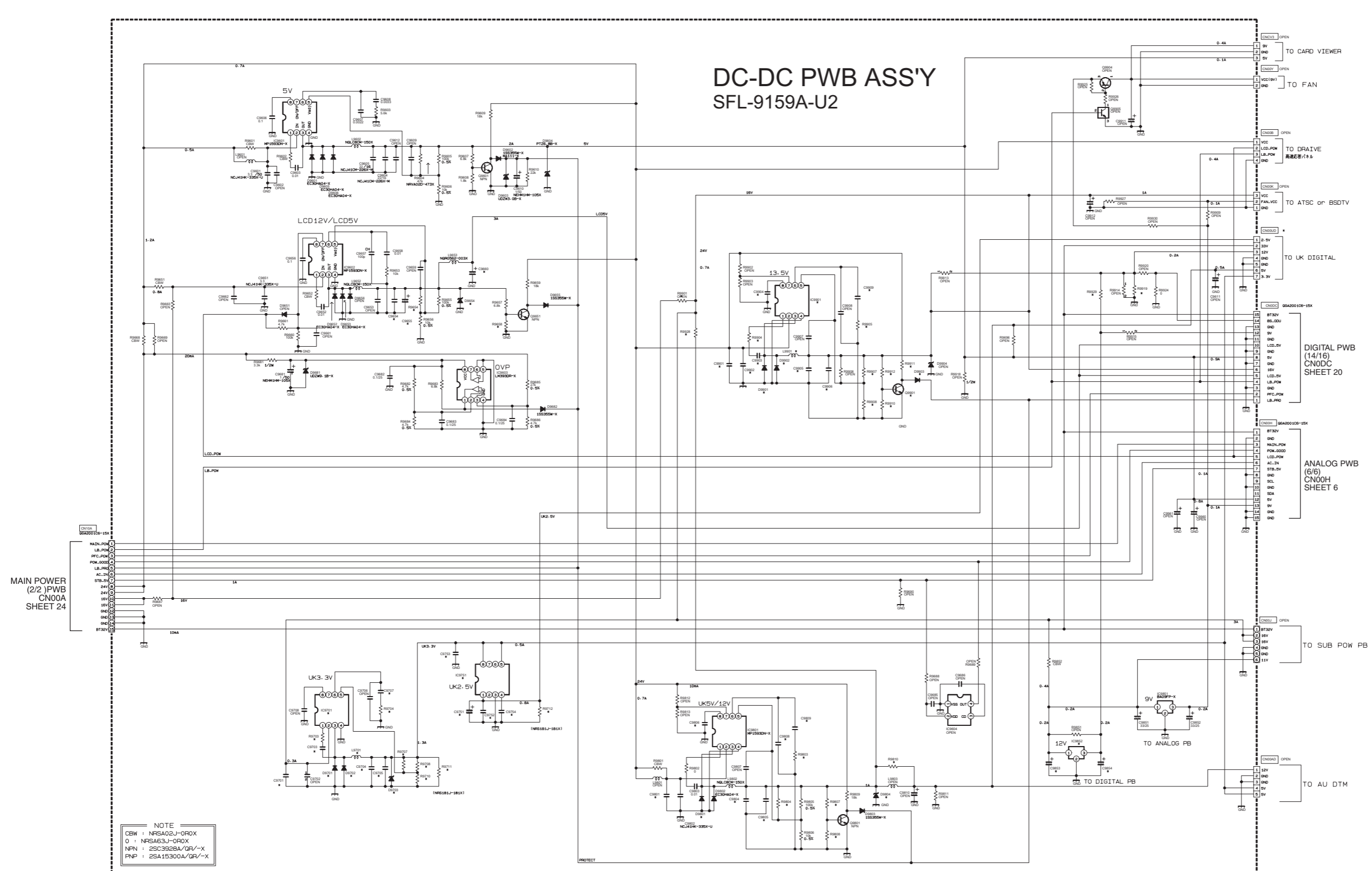


*DIFFERENCE LIST			
NOTE	IDTV26/32/37 NON-IDTV 26/37/37 ASIA32	US	JPN
ASSY No.	SFL-7206A SFL-7209A	SFL-7207A	SFL-7208A
	OLLC09105 -04/-05	OLLC10557	OLLC10557 -02
R7701	4.7K	5.6K	5.6K
R7702	8.2K	15K	15K
R7703	4.7K	5.6K	5.6K
R7704	8.2K	15K	15K
R7705	OPEN	0	0
R7706	OPEN	0	0
R7707	0	OPEN	OPEN
R7708	0	OPEN	OPEN
R7709	OPEN	0	0
R7710	0	OPEN	OPEN
R7711	0	OPEN	OPEN
R7712	OPEN	0	0

SW PWB ASS'Y
SFL-7209A-U2 [LT-37R70SU, LT-37R70SU/B, LT-37R70SU/Q,
LT-37R70BU, LT-37R70BUB, LT-37R70BU/Q]
SFL-7206A-U2 [LT-37R70SU/P, LT-37R70BU/P]

D-AMP PWB ASS'Y
SFL-6222A-U2

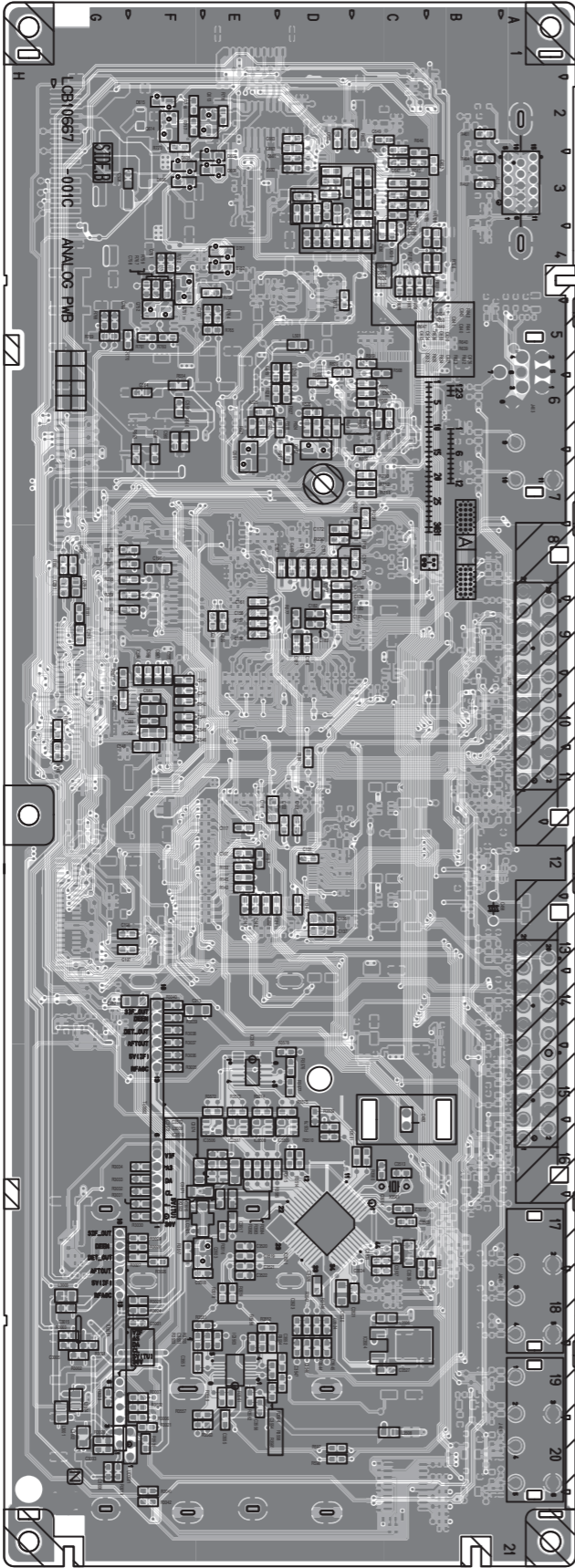




*DIFFERENCE LIST					
R-CAB1					
NOTE	UK37	EU37	EU37A	EU37A	EU37A
ASST 4	PL-9153AS	PL-9159A	PL-9159A	PL-9159A	PL-9159A
		DLIC1035A	DLIC1035A	DLIC1035A	DLIC1035A
13.5V	UC560	PL1580N-X	OPEN	OPEN	OPEN
	UC564	2	OPEN	OPEN	OPEN
	UC565	2	OPEN	OPEN	OPEN
	UC567	100k, 0.0A	OPEN	OPEN	OPEN
	UC568	10k, 0.0A	OPEN	OPEN	OPEN
	UC569	10k, 0.0A	OPEN	OPEN	OPEN
	UC570	10k, 0.0A	OPEN	OPEN	OPEN
	UC571	10k, 0.0A	OPEN	OPEN	OPEN
	UC572	10k, 0.0A	OPEN	OPEN	OPEN
	UC573	10k, 0.0A	OPEN	OPEN	OPEN
	UC574	10k, 0.0A	OPEN	OPEN	OPEN
	UC575	10k, 0.0A	OPEN	OPEN	OPEN
	UC576	10k, 0.0A	OPEN	OPEN	OPEN
	UC577	10k, 0.0A	OPEN	OPEN	OPEN
	UC578	10k, 0.0A	OPEN	OPEN	OPEN
UK3.3V	UC370	PL1580N-X	OPEN	OPEN	OPEN
	UC371	PL1580N-X	OPEN	OPEN	OPEN
	UC372	PL1580N-X	OPEN	OPEN	OPEN
	UC373	PL1580N-X	OPEN	OPEN	OPEN
	UC374	PL1580N-X	OPEN	OPEN	OPEN
	UC375	PL1580N-X	OPEN	OPEN	OPEN
	UC376	PL1580N-X	OPEN	OPEN	OPEN
	UC377	PL1580N-X	OPEN	OPEN	OPEN
	UC378	PL1580N-X	OPEN	OPEN	OPEN
	UC379	PL1580N-X	OPEN	OPEN	OPEN
	UC380	PL1580N-X	OPEN	OPEN	OPEN
	UC381	PL1580N-X	OPEN	OPEN	OPEN
	UC382	PL1580N-X	OPEN	OPEN	OPEN
	UC383	PL1580N-X	OPEN	OPEN	OPEN
	UC384	PL1580N-X	OPEN	OPEN	OPEN
UK2.5V	UC370	PL1580N-X	OPEN	OPEN	OPEN
	UC371	PL1580N-X	OPEN	OPEN	OPEN
	UC372	PL1580N-X	OPEN	OPEN	OPEN
	UC373	PL1580N-X	OPEN	OPEN	OPEN
	UC374	PL1580N-X	OPEN	OPEN	OPEN
	UC375	PL1580N-X	OPEN	OPEN	OPEN
	UC376	PL1580N-X	OPEN	OPEN	OPEN
	UC377	PL1580N-X	OPEN	OPEN	OPEN
	UC378	PL1580N-X	OPEN	OPEN	OPEN
	UC379	PL1580N-X	OPEN	OPEN	OPEN
	UC380	PL1580N-X	OPEN	OPEN	OPEN
	UC381	PL1580N-X	OPEN	OPEN	OPEN
	UC382	PL1580N-X	OPEN	OPEN	OPEN
	UC383	PL1580N-X	OPEN	OPEN	OPEN
	UC384	PL1580N-X	OPEN	OPEN	OPEN
UK5V 12V	UC560	PL1580N-X	OPEN	OPEN	OPEN
	UC564	2	OPEN	OPEN	OPEN
	UC565	2	OPEN	OPEN	OPEN
	UC567	100k, 0.0A	OPEN	OPEN	OPEN
	UC568	10k, 0.0A	OPEN	OPEN	OPEN
	UC569	10k, 0.0A	OPEN	OPEN	OPEN
	UC570	10k, 0.0A	OPEN	OPEN	OPEN
	UC571	10k, 0.0A	OPEN	OPEN	OPEN
	UC572	10k, 0.0A	OPEN	OPEN	OPEN
	UC573	10k, 0.0A	OPEN	OPEN	OPEN
	UC574	10k, 0.0A	OPEN	OPEN	OPEN
	UC575	10k, 0.0A	OPEN	OPEN	OPEN
	UC576	10k, 0.0A	OPEN	OPEN	OPEN
	UC577	10k, 0.0A	OPEN	OPEN	OPEN
	UC578	10k, 0.0A	OPEN	OPEN	OPEN
LVDS LoLevel	UC560	PL1580N-X	OPEN	OPEN	OPEN
	UC564	2	OPEN	OPEN	OPEN
	UC565	2	OPEN	OPEN	OPEN
	UC567	100k, 0.0A	OPEN	OPEN	OPEN
	UC568	10k, 0.0A	OPEN	OPEN	OPEN
	UC569	10k, 0.0A	OPEN	OPEN	OPEN
	UC570	10k, 0.0A	OPEN	OPEN	OPEN
	UC571	10k, 0.0A	OPEN	OPEN	OPEN
	UC572	10k, 0.0A	OPEN	OPEN	OPEN
	UC573	10k, 0.0A	OPEN	OPEN	OPEN
	UC574	10k, 0.0A	OPEN	OPEN	OPEN
	UC575	10k, 0.0A	OPEN	OPEN	OPEN
	UC576	10k, 0.0A	OPEN	OPEN	OPEN
	UC577	10k, 0.0A	OPEN	OPEN	OPEN
	UC578	10k, 0.0A	OPEN	OPEN	OPEN
UK12V	UC560	PL1580N-X	OPEN	OPEN	OPEN
	UC564	2	OPEN	OPEN	OPEN
	UC565	2	OPEN	OPEN	OPEN
	UC567	100k, 0.0A	OPEN	OPEN	OPEN
	UC568	10k, 0.0A	OPEN	OPEN	OPEN
	UC569	10k, 0.0A	OPEN	OPEN	OPEN
	UC570	10k, 0.0A	OPEN	OPEN	OPEN
	UC571	10k, 0.0A	OPEN	OPEN	OPEN
	UC572	10k, 0.0A	OPEN	OPEN	OPEN
	UC573	10k, 0.0A	OPEN	OPEN	OPEN
	UC574	10k, 0.0A	OPEN	OPEN	OPEN
	UC575	10k, 0.0A	OPEN	OPEN	OPEN
	UC576	10k, 0.0A	OPEN	OPEN	OPEN
	UC577	10k, 0.0A	OPEN	OPEN	OPEN
	UC578	10k, 0.0A	OPEN	OPEN	OPEN
SN-BUS	UC2040	PL2040N-X	OPEN	OPEN	OPEN
	UC2041	2	OPEN	OPEN	OPEN
	UC2042	2	OPEN	OPEN	OPEN
	UC2043	2	OPEN	OPEN	OPEN
	UC2044	2	OPEN	OPEN	OPEN
	UC2045	2	OPEN	OPEN	OPEN
	UC2046	2	OPEN	OPEN	OPEN
	UC2047	2	OPEN	OPEN	OPEN
	UC2048	2	OPEN	OPEN	OPEN
	UC2049	2	OPEN	OPEN	OPEN
	UC2050	2	OPEN	OPEN	OPEN
	UC2051	2	OPEN	OPEN	OPEN
	UC2052	2	OPEN	OPEN	OPEN
	UC2053	2	OPEN	OPEN	OPEN
	UC2054	2	OPEN	OPEN	OPEN

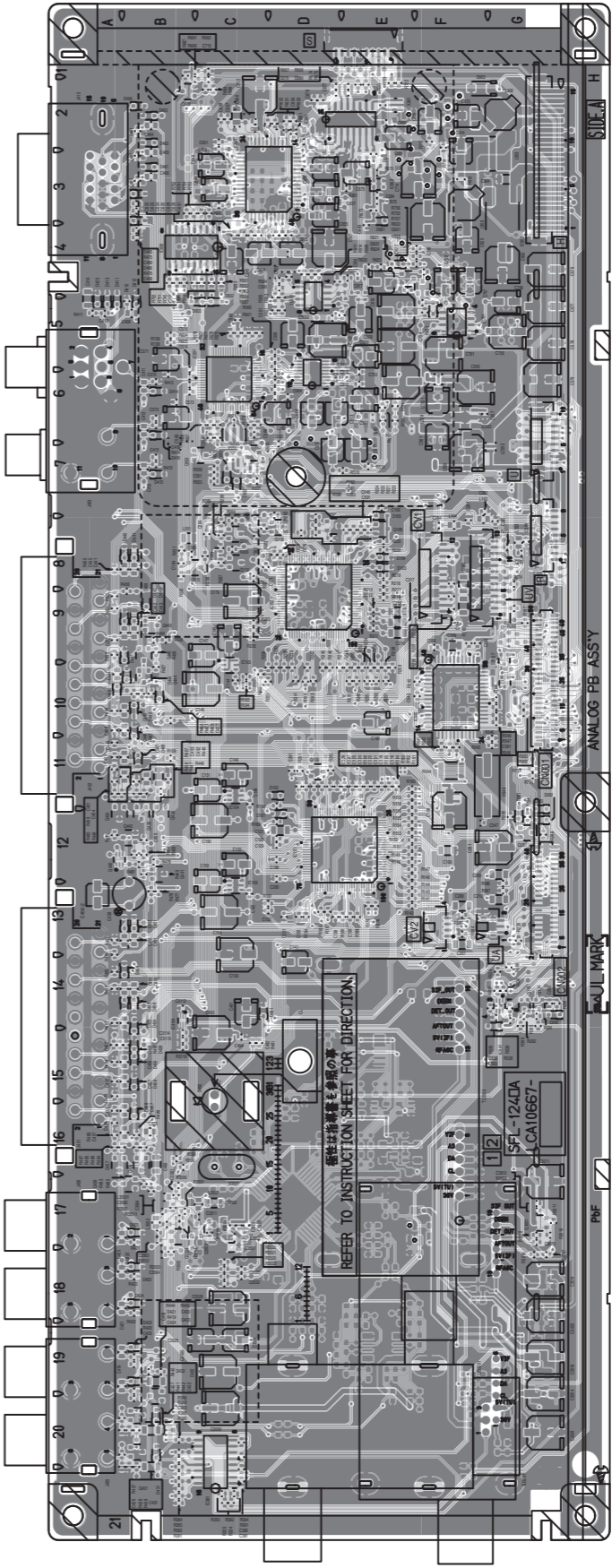
PATTERN DIAGRAMS
ANALOG PWB PATTERN [SOLDER SIDE]

TOP
↓

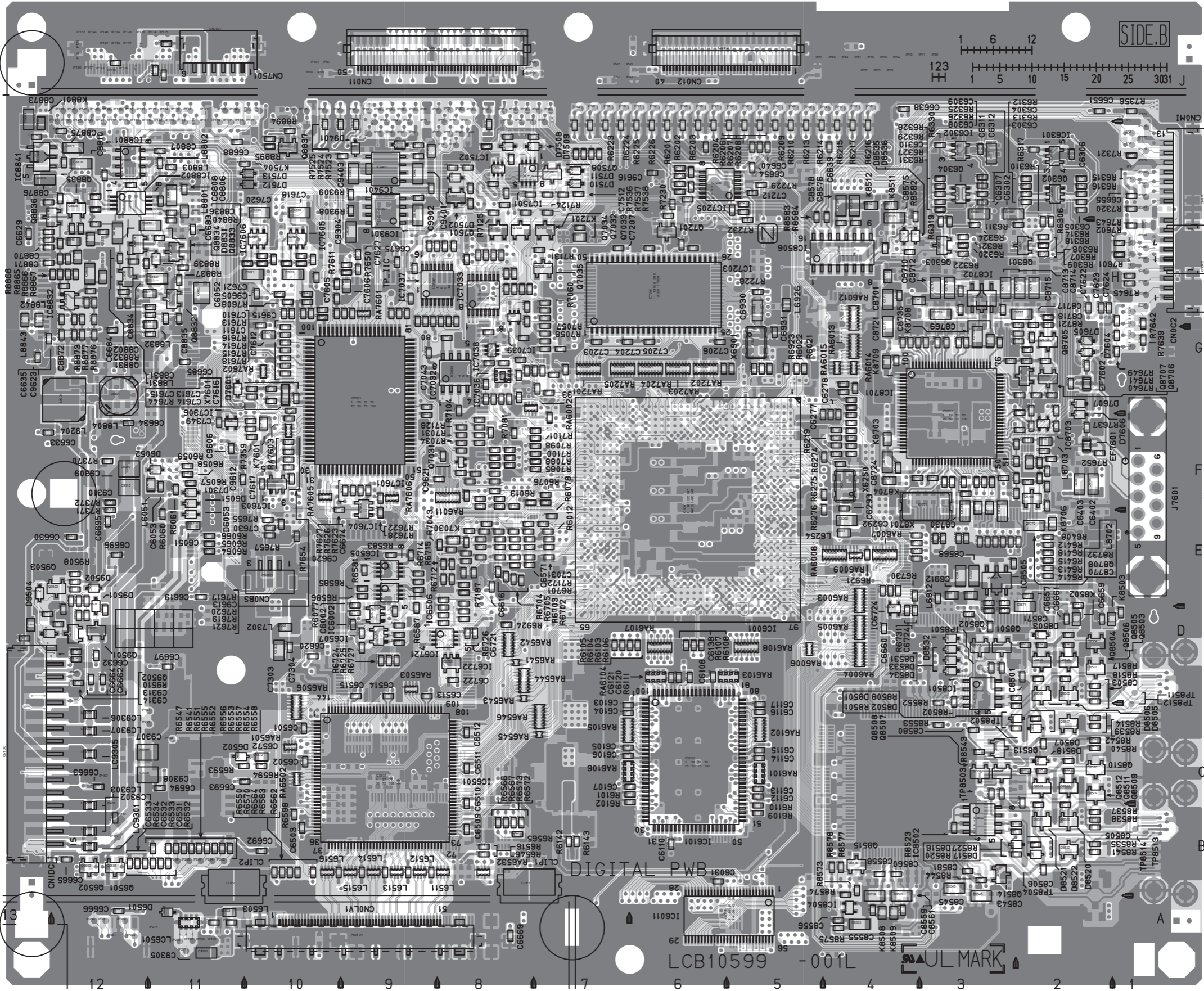


ANALOG PWB PATTERN [PARTS SIDE]

TOP
↓

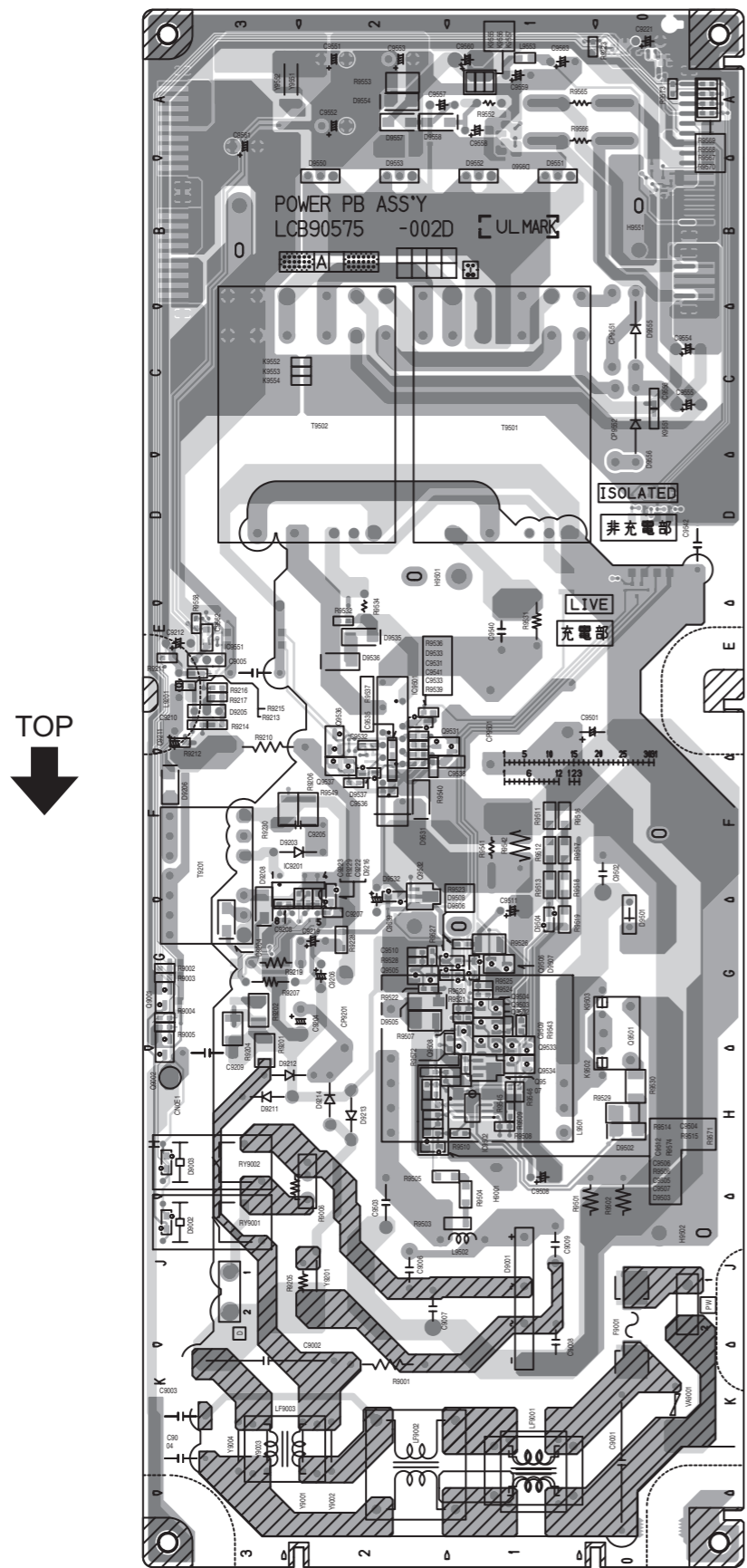


TOP
←

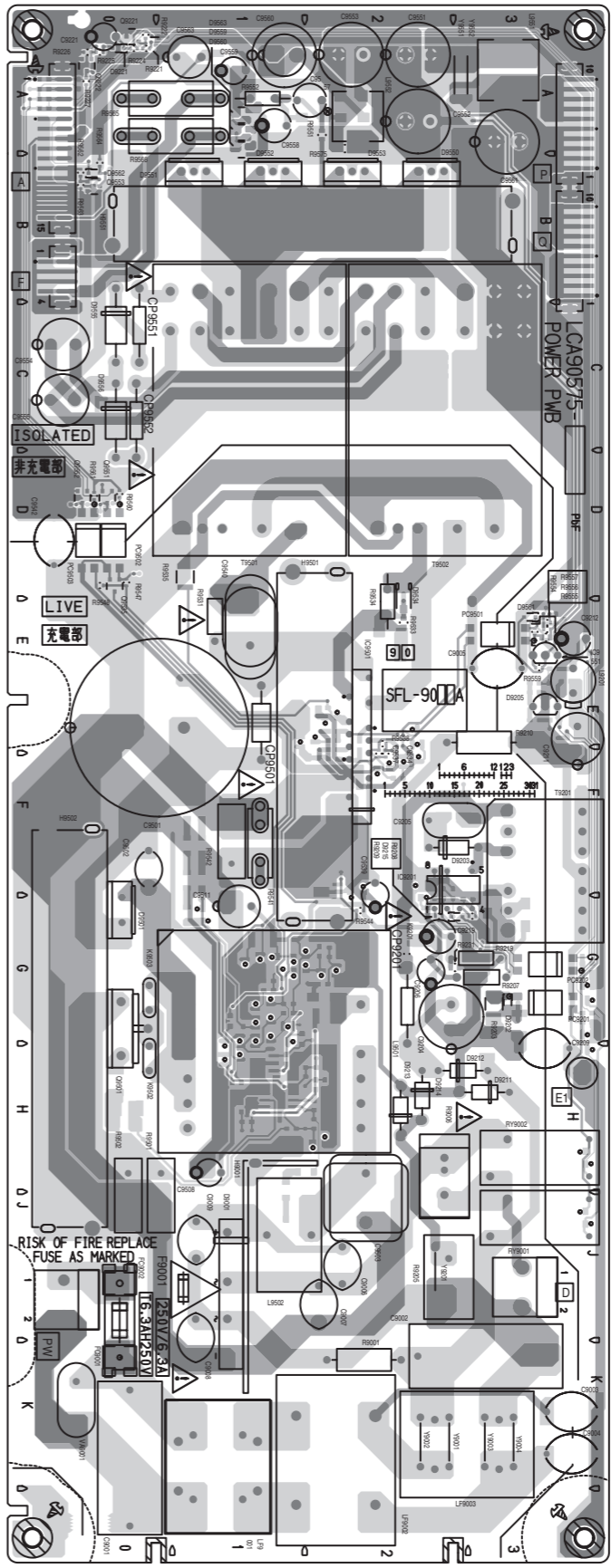




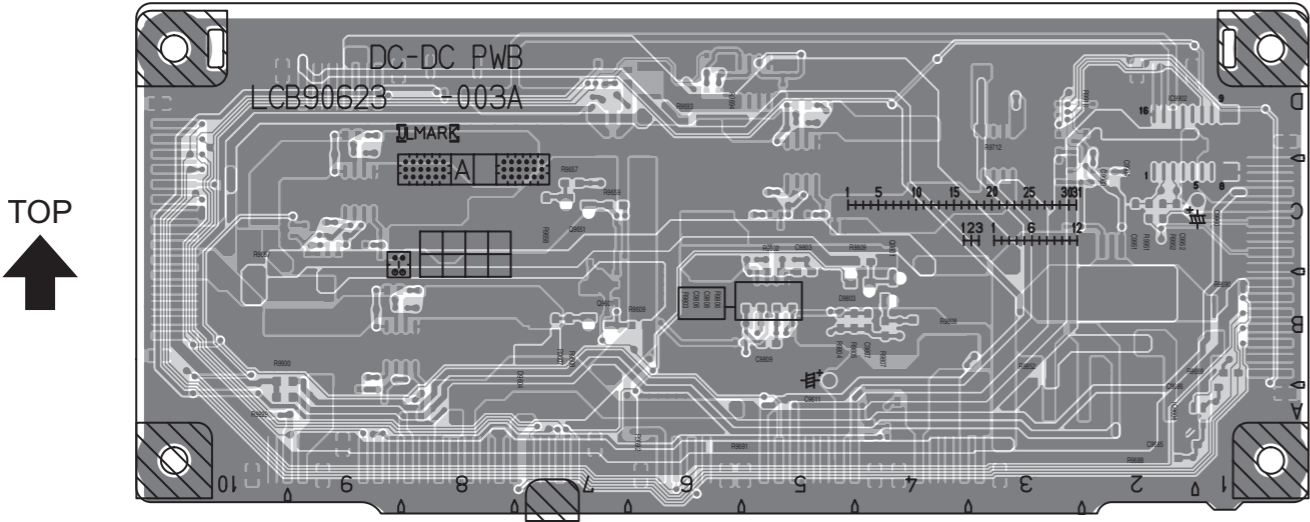
MAIN POWER PWB PATTERN [SOLDER SIDE]



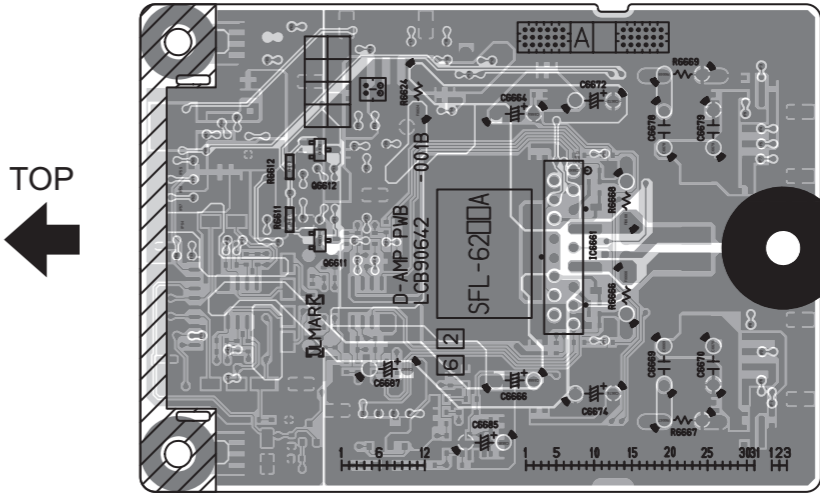
MAIN POWER PWB PATTERN [PARTS SIDE]



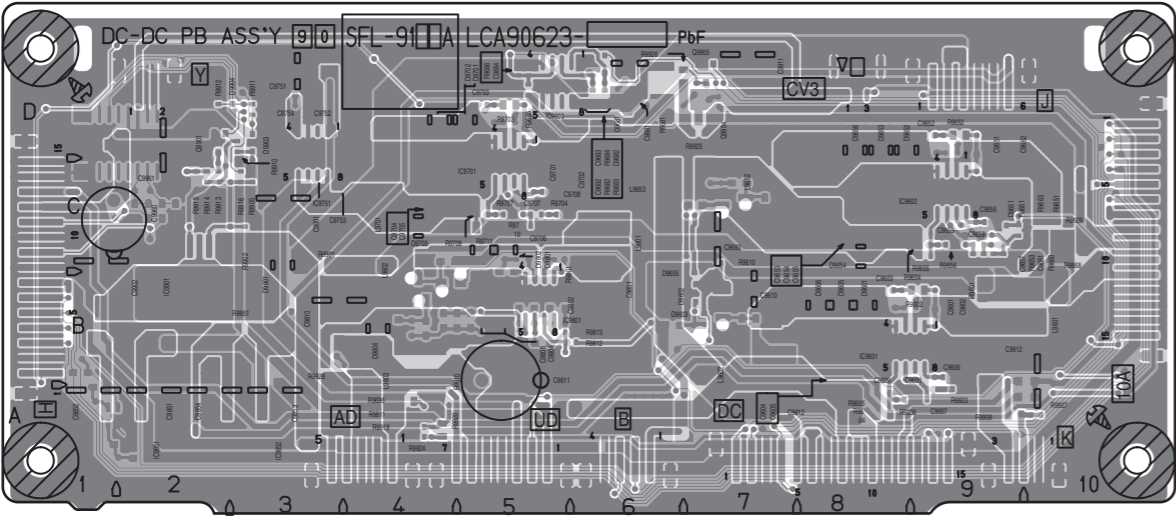
DC-DCPWB PATTERN [SOLDER SIDE]



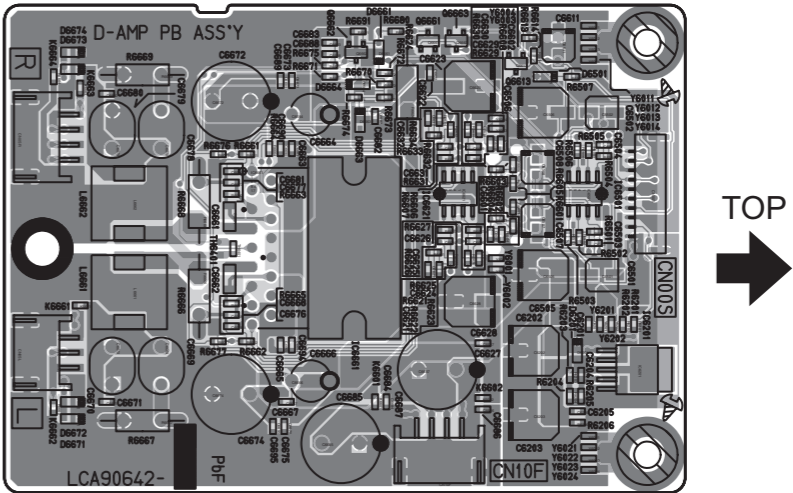
D-AMP PWB PATTERN [SOLDER SIDE]



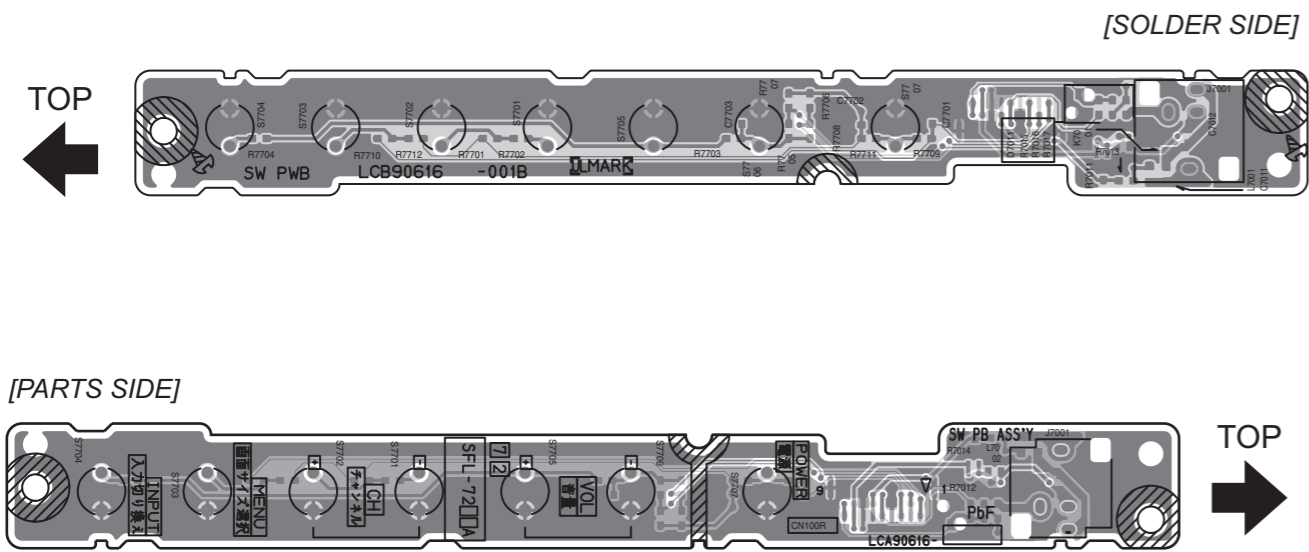
DC-DCPWB PATTERN [PARTS SIDE]



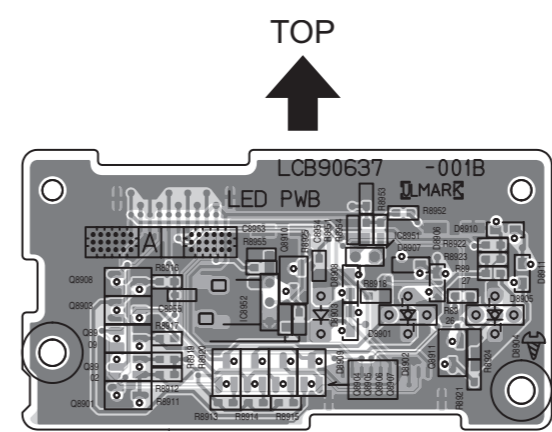
D-AMP PWB PATTERN [PARTS SIDE]



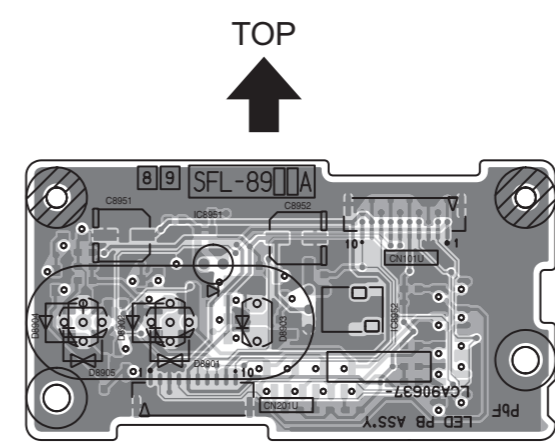
SW PWB PATTERN [LT-37R70SU/P, LT-37R70BU/P]



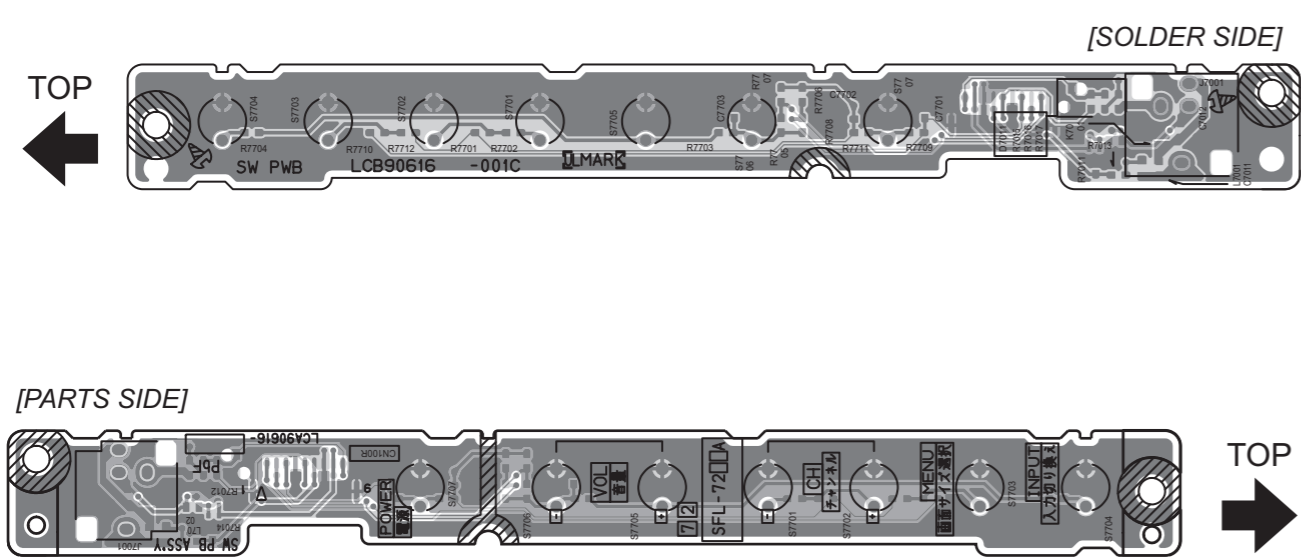
LED PWB PATTERN [SOLDER SIDE]



LED PWB PATTERN [PARTS SIDE]



SW PWB PATTERN [LT-37R70SU, LT-37R70SU/B, LT-37R70SU/Q, LT-37R70BU, LT-37R70BU/B, LT-37R70BU/Q]



VOLTAGE CHARTS

<ANALOG PWB>
<P.2-7 -P.2-8>

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC101		97	2.5	93	0.2	Q431	
1	4.5	98	4.8	94	2.4	E	2.0
2	4.5	99	2.5	95	0	C	0
3	0	100	2.5	96	2.3	B	0
4	4.5	IC102		97	0	Q432	
5	4.5	1	0	98	2.4	E	2.0
6	0	2	2.4	99	0	C	0
7	4.5	3	2.4	100	4.9	B	0
8	4.5	4	2.4	IC104		Q433	
9	0	5	2.5	1	2.1	E	0
10	4.5	6	2.4	2	2.0	C	2.0
11	4.5	7	2.5	3	9.0	B	2.0
12	0	8	2.4	4	2.3	Q434	
13	4.5	9	0	5	0	E	0
14	4.5	10	2.3	6	9.1	C	0
15	4.5	11	2.2	IC105		B	0
16	4.5	12	2.4	1	2.1	Q435	
17	4.5	13	0.2	2	2.1	E	0
18	9.1	14	0.3	3	9.1	C	0
19	4.5	15	0.2	4	2.2	B	0
20	4.5	16	0	5	0	Q436	
21	0	17	2.4	6	9.0	E	0
22	4.5	18	0	IC541		C	0
23	4.5	19	2.4	1	0	B	0
24	0	20	0	2	0	Q436	
25	4.5	21	2.4	3	2.6	E	0
26	4.5	22	0	4	2.7	C	0
27	0	23	0	5	2.8	B	-0.2
28	4.5	24	4.4	6	0	Q438	
29	4.5	25	4.5	Q106		E	0
30	9.1	26	0	S	3.3	C	0
31	4.5	27	3.1	D	3.0	B	-0.2
32	4.5	28	3.1	G	4.4	Q439	
33	4.5	29	0	Q107		E	0
34	4.5	30	1.4	S	3.3	C	-0.2
35	4.5	31	5.0	D	3.0	B	0
36	4.6	32	1.4	G	4.5	Q443	
37	1.4	33	0	Q109		E	0
38	1.9	34	1.0	E	2.6	C	0
39	1.3	35	0	C	0	B	5.0
40	1.8	36	2.6	B	1.9	Q444	
41	0	37	2.8	Q110		E	4.7
42	2.1	38	2.6	E	2.1	C	4.8
43	1.6	39	1.3	C	0	B	0
44	4.9	40	4.9	B	1.4	Q445	
45	1.9	41	1.3	Q111		E	0
46	0	42	1.5	E	2.2	C	4.7
47	2.1	43	1.4	C	0	B	0
48	5.0	44	0	B	1.3		
49	1.9	45	1.1	Q112		E	0.2
50	1.6	46	2.0	E	0	C	0
51	4.5	47	1.9	C	0	B	0.6
52	4.5	48	1.9	B	0.6	Q113	
53	4.8	49	2.9	Q113		E	2.3
54	4.9	50	4.9	E	2.3	C	5.0
55	2.5	51	4.9	C	5.0	B	2.9
56	4.8	52	2.0	B	2.9		
57	2.5	53	1.9	Q281		E	9.0
58	2.2	54	3.0	E	9.0	C	0
59	2.1	55	2.4	C	0	B	9.1
60	2.3	56	2.4				
61	4.9	57	5.0				
62	2.5	58	0				
63	0.2	59	0				
64	2.0	60	2.2				
65	4.8	61	0				
66	2.5	62	0				
67	4.9	63	41.9				
68	2.5	64	2.4				
69	0	65	2.5				
70	2.1	66	2.4				
71	4.8	67	2.4				
72	2.5	68	2.5				
73	4.8	69	2.5				
74	2.5	70	2.4				
75	1.2	71	4.9				
76	0.2	72	2.4				
77	2.1	73	4.9				
78	1.3	74	2.4				
79	2.3	75	0				
80	5.0	76	0.2				
81	2.3	77	0				
82	0	78	2.3				
83	2.8	79	4.7				
84	0	80	2.4				
85	2.5	81	4.9				
86	4.8	82	2.4				
87	2.5	83	0.2				
88	2.2	84	0.2				
89	2.1	85	0.1				
90	0	86	2.4				
91	2.5	87	5.0				
92	2.7	88	2.4				
93	2.5	89	2.8				
94	0.2	90	2.4				
95	2.1	91	0				
96	4.8	92	0.1				

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
93	0.2	94	2.4	95	0	96	2.3
97	0	98	2.4	99	0	100	4.9
IC104		IC105		IC541		Q106	
1	2.1	2	2.0	3	9.0	4	2.3
5	0	6	9.1	7	2.5	8	2.4
9	0	10	4.5	11	2.2	12	2.4
13	0.2	14	0.3	15	0.2	16	0
17	2.4	18	0	19	2.4	20	0
21	2.4	22	0	23	0	24	4.4
25	4.5	26	0	27	3.1	28	3.1
29	4.5	30	1.4	31	5.0	32	1.4
33	0	34	1.0	35	0	36	2.6
37	2.8	38	2.6	39	1.3	40	4.9
41	1.3	42	1.5	43	1.4	44	0
45	1.1	46	2.0	47	1.9	48	1.9
49	2.9	50	4.9	51	4.9	52	2.0
53	1.9	54	3.0	55	2.4	56	2.4
57	5.0	58	0	59	0	60	2.2
61	0	62	0	63	41.9	64	2.4
65	2.5	66	2.4	67	2.4	68	2.5
69	0	70	2.1	71	4.8	72	2.5
73	4.8	74	2.5	75	0	76	0.2
77	2.1	78	2.3	79	4.7	80	2.4
81	2.3	82	0	83	2.8	84	0
85	2.5	86	4.8	87	2.5	88	2.2
89	2.1	90	0	91	2.5	92	0.1
93	2.5	94	0.2	95	2.1	96	4.8

MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
Q431		Q432		Q433		Q434	
E	2.0	C	0	B	0	E	0
IC104		IC105		IC541		Q106	
1	2.1	2	2.0	3	9.0	4	2.3
5	0	6	9.1	7	2.5	8	2.4
9	0	10	4.5	11	2.2	12	2.4
13	0.2	14	0.3	15	0.2	16	0
17	2.4	18	0	19	2.4	20	0
21	2.4	22	0	23	0	24	4.4
25	4.5	26	0	27	3.1	28	3.1
29	4.5	30	1.4	31	5.0	32	1.4
33	0	34	1.0	35	0	36	2.6
37	2.8	38	2.6	39	1.3	40	4.9
41	1.3	42	1.5	43	1.4	44	0
45	1.1	46	2.0	47	1.9	48	1.9
49	2.9	50	4.9	51	4.9	52	2.0
53	1.9	54	3.0	55	2.4	56	2.4
57	5.0	58	0	59	0	60	2.2
61	0	62	0	63	41.9	64	2.4
65	2.5	66	2.4	67	2.4	68	2.5
69	0	70	2.1	71	4.8	72	2.5
73	4.8	74	2.5	75	0	76	0.2
77	2.1	78	2.3	79	4.7	80	2.4
81	2.3	82	0	83	2.8	84	0
85	2.5	86	4.8	87	2.5	88	2.2
89	2.1	90	0	91	2.5	92	0.1
93	2.5	94	0.2	95	2.1	96	4.8

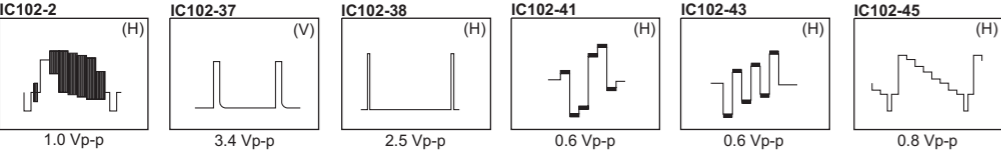
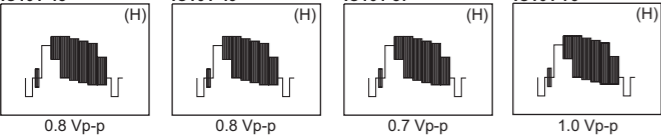
MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
Q431		Q432		Q433		Q434	
E	2.0	C	0	B	0	E	0
IC104		IC105		IC541		Q106	
1	2.1	2	2.0	3	9.0	4	2.3
5	0	6	9.1	7	2.5	8	2.4
9	0	10	4.5	11	2.2	12	2.4
13	0.2	14	0.3	15	0.2	16	0
17	2.4	18	0	19	2.4	20	0
21	2.4	22	0	23	0	24	4.4
25	4.5	26	0	27	3.1	28	3.1
29	4.5	30	1.4	31	5.0	32	1.4
33	0	34	1.0	35	0	36	2.6
37	2.8	38	2.6	39	1.3	40	4.9
41	1.3	42	1.5	43	1.4	44	0
45	1.1	46	2.0	47	1.9	48	1.9
49	2.9	50	4.9	51	4.9	52	2.0
53	1.9	54	3.0	55	2.4	56	2.4
57	5.0	58	0	59	0	60	2.2
61	0	62	0	63	41.9	64	2.4
65	2.5	66	2.4	67	2.4	68	2.5
69	0	70	2.1	71	4.8	72	2.5
73	4.8	74	2.5	75	0	76	0.2
77	2.1	78	2.3	79	4.7	80	2.4
81	2.3	82	0	83	2.8	84	0
85	2.5	86	4.8	87	2.5	88	2.2
89	2.1	90	0	91	2.5	92	0.1
93	2.5	94	0.2	95	2.1	96	4.8

MODE PIN NO.	DC (V)
27	1.5
28	0
29	0
30	3.8
31	3.8
32	0
33	8.0
34	6.5
35	0
36	3.8
37	3.7
38	3.7
39	0
40	3.8
41	3.7
42	2.6
43	0
44	0
IC3503	
1	4.5
2	4.5
3	4.5
4	0
5	4.4
6	4.5
7	0
8	0
IC3504	
1	9.1
2	0
3	8.1
IC3505	
1	0.1
2	1.2
3	0
4	0
5	0
6	0
7	0
8	2.5
IC3506	
1	0
2	0.1
3	0
4	0
5	5.1
IC3507	
1	0
2	0.1
3	0.1
4	0
5	2.5
IC3508	
1	0
2	2.5
3	0
4	1.2
5	2.5
IC3509	
1	0
2	2.2
3	0
4	1.1
5	2.4
IC3510	
1	2.5
2	0
3	5.0
4	5.0
Q3502	
E	2.1
C	9.0
B	2.8
Q3503	
E	0
C	5.0
B	0
TU3001	
1	31.8
2	4.9
3	4.5
4	0
5	0
6	0
13	2.1
14	4.9
15	4.6
16	2.5
17	0
18	2.3
19	2.3

WAVEFORMS

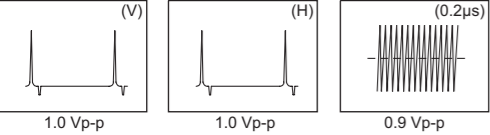
ANALOG PWB (4/6)

(SHEET4)



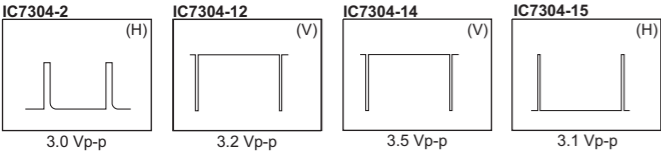
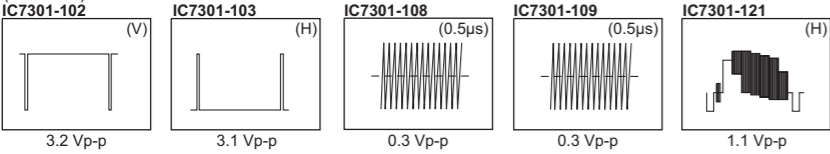
DIGITAL PWB (11/16)

(SHEET17)



DIGITAL PWB (16/16)

(SHEET22)





Victor Company of Japan, Limited
Flat Panel Display Category 12, 3-chome, Moriya-cho, kanagawa-ku, Yokohama-city, kanagawa-prefecture, 221-8528, Japan

(No.YA406)



Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety . Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
HV R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
$\pm 1\%$	$\pm 2\%$	$\pm 5\%$	$\pm 10\%$	$\pm 20\%$	$\pm 30\%$	+30% -10%	+50% -10%	+80% -20%	+100% -0%

CONTENTS

USING P.W. BOARD & REMOTE CONTROL UNIT	3-3
EXPLODED VIEW PARTS LIST -1	3-4
EXPLODED VIEW -1	3-5
EXPLODED VIEW PARTS LIST -2	3-6
EXPLODED VIEW -2	3-6
 PRINTED WIRING BOARD PARTS LIST [LT-37R70BU,LT-37R70BU/B,LT-37R70SU,LT-37R70SU/B]	 3-7
ANALOG P.W. BOARD ASS'Y (SFL-1246A-U2)	3-7
D-AMP P.W. BOARD ASS'Y (SFL-6222A-U2)	3-10
SW P.W. BOARD ASS'Y (SFL-7209A-U2)	3-11
LED P.W. BOARD ASS'Y (SFL-8902A-U2)	3-11
MAIN POWER P.W. BOARD ASS'Y (SFL-9047A-U2)	3-12
DC-DC P.W. BOARD ASS'Y (SFL-9159A-U2)	3-13
DIGITAL P.W. BOARD ASS'Y (SFL0D263A-U2)	3-14
 PRINTED WIRING BOARD PARTS LIST [LT-37R70BU/P,LT-37R70SU/P]	 3-20
ANALOG P.W. BOARD ASS'Y (SFL-1246A-U2)	3-20
D-AMP P.W. BOARD ASS'Y (SFL-6222A-U2)	3-20
SW P.W. BOARD ASS'Y (SFL-7206A-U2)	3-20
LED P.W. BOARD ASS'Y (SFL-8902A-U2)	3-20
MAIN POWER P.W. BOARD ASS'Y (SFL-9047A-U2)	3-20
DC-DC P.W. BOARD ASS'Y (SFL-9159A-U2)	3-20
DIGITAL P.W. BOARD ASS'Y (LCA10599-92C)(SFL0D263A-SJ)	3-20
 PRINTED WIRING BOARD PARTS LIST [LT-37R70BU/Q,LT-37R70SU/Q]	 3-26
ANALOG P.W. BOARD ASS'Y (SFL-1246A-U2)	3-26
D-AMP P.W. BOARD ASS'Y (SFL-6222A-U2)	3-26
SW P.W. BOARD ASS'Y (SFL-7209A-U2)	3-26
LED P.W. BOARD ASS'Y (SFL-8902A-U2)	3-26
MAIN POWER P.W. BOARD ASS'Y (SFL-9047A-U2)	3-26
DC-DC P.W. BOARD ASS'Y (SFL-9159A-U2)	3-26
DIGITAL P.W. BOARD ASS'Y(LCA10599-92C)(SFL0D263A-SJ)	3-26
 REMOTE CONTROL UNIT PARTS LIST (RM-C1900S-1C)	 3-26
PACKING PARTS LIST	3-26
PACKING	3-27

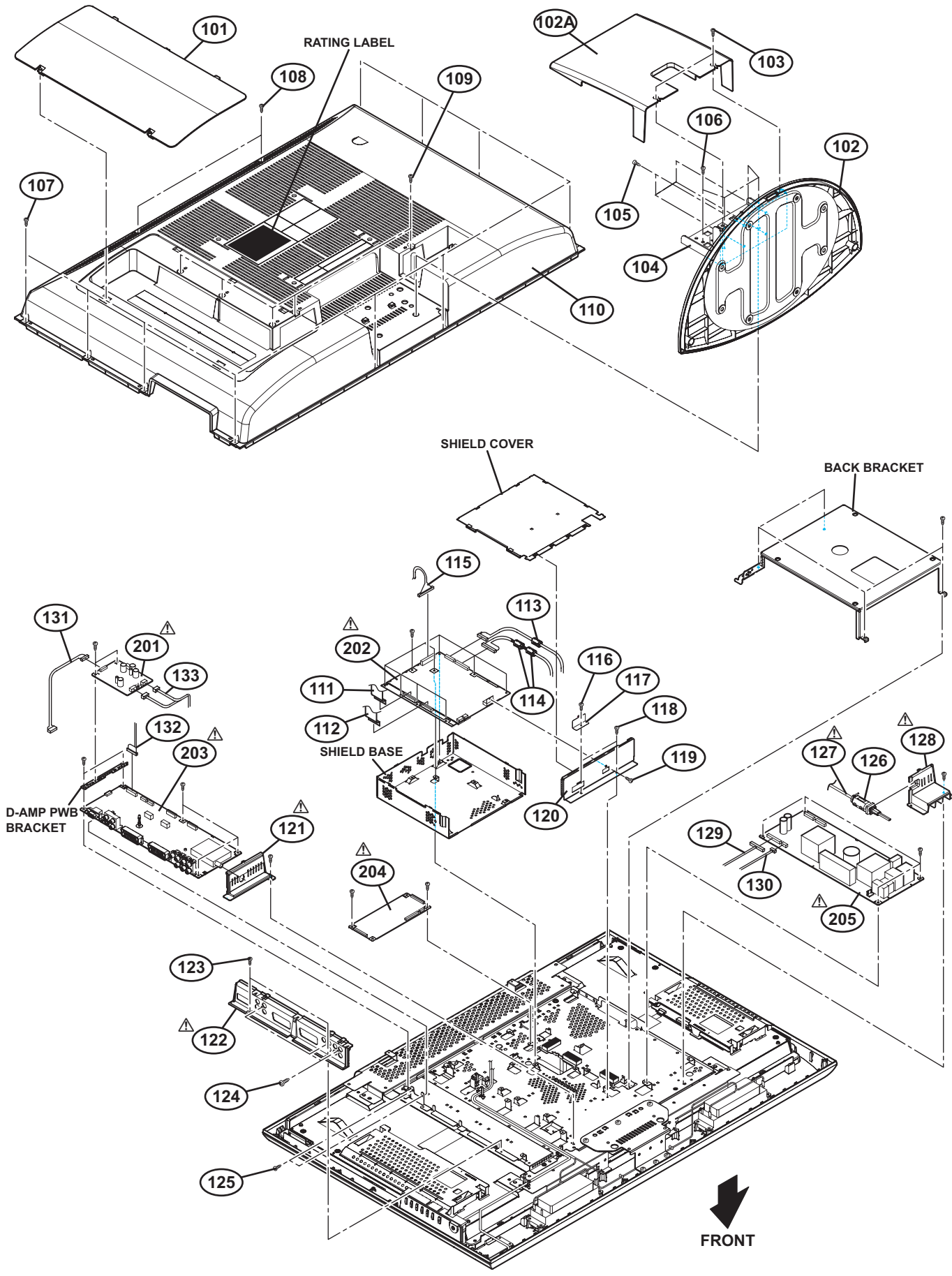
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y name	P.W.B ASS'Y No.							
	LT-37R70BU	LT-37R70BU/B	LT-37R70BU/P	LT-37R70BU/Q	LT-37R70SU	LT-37R70SU/B	LT-37R70SU/P	LT-37R70SU/Q
ANALOG P.W.B	SFL-1246A-U2	←	←	←	←	←	←	←
D-AMP P.W.B	SFL-6222A-U2	←	←	←	←	←	←	←
SW P.W.B	SFL-7209A-U2	←	SFL-7206A-U2	SFL-7209A-U2	←	←	SFL-7206A-U2	SFL-7209A-U2
LED P.W.B	SFL-8902A-U2	←	←	←	←	←	←	←
MAIN POWER P.W.B	SFL-9047A-U2	←	←	←	←	←	←	←
DC-DC P.W.B	SFL-9159A-U2	←	←	←	←	←	←	←
DIGITAL P.W.B	SFL0D263A-U2	←	LCA10599-92C (SFL0D263A-SJ)	←	SFL0D263A-U2	←	LCA10599-92C (SFL0D263A-SJ)	←
REMOTE CONTROL UNIT	RM-C1900S-1C	←	←	←	←	←	←	←

EXPLODED VIEW PARTS LIST -1

△	Ref.No.	Part No.	Part Name	Description	Local
	101	LC12817-001A-U	JACK COVER		
	102	LC42532-001A-C	STAND BASE UNIT	Inc. 102A	LT-37R70SU,LT-37R70SUB,LT-37R70SUP,LT-37R70SUQ
	102	LC42532-002A-C	STAND BASE UNIT	Inc. 102A	LT-37R70BU,LT-37R70BUB,LT-37R70BUP,LT-37R70BUQ
	102A	T0176-01	STAND COVER		
	103	QYSPSPD4020MA	SCREW	M4 x 12mm(x2)	
	104	LC42531-001A-C	SUPPORT UNIT		
	105	QYSPSPD5014MA	SCREW	M5 x 14mm(x4)	
	106	QYSPSPD5014MA	SCREW	M5 x 14mm(x4)	
	107	QYSBSFG4016MA	TAP SCREW	M4 x 16mm(x10)	
	108	LC42446-002A	SCREW	(x2)	
	109	QYSBSF3010MA	TAP SCREW	M3 x 10mm(x5)	
	110	LC12672-001A-U	REAR COVER		
	111	QUQL05-5009AA-E	FFC WIRE	ANALOG CN001-DIGITAL CN001	
	112	QUQL05-4009AA-E	FFC WIRE	ANALOG CN002-DIGITAL CN002	
	113	QQR0490-001	NOISE FILTER		
	114	QQR0490-001	NOISE FILTER	(x2)	
	115	QJJ009-151010-E	SIN CR C-C WIRE	DIGITAL CN0DC-DC-DC DC	
	116	LC42446-001A	SCREW		
	117	LC42340-001B-HK	SERVICE COVER		
	118	LC42446-001A	SCREW		
	119	QYSPSP3004ZA	SCREW	M3 x 4mm	LT-37R70SU,LT-37R70SUB,LT-37R70SUQ,LT-37R70BU,LT-37R70BUB,LT-37R70BUQ
	119	QYSPSP3008ZA	SCREW	M3 x 8mm	LT-37R70SUP,LT-37R70BUP
	120	LC12497-010A-HK	SHIELD TERMINAL		
△	121	LC12507-006B-0K	TUNER BASE		
△	122	LC12506-005B-0K	TERMINAL BASE		
	123	LC42446-002A	SCREW		
	124	QYSBSF3010MA	TAP SCREW	M3 x 10mm(x3)	
	125	QNB0036-001	CONN ACCESSORY	(x2)	
	126	QQR1211-001	FERRITE CORE		
△	127	QMPK470-170-JC	POWER CORD(EU)	1.7m BLACK	
△	128	LC22007-003A-0K	POWER CORD HOLDER		
	129	QJJ009-151010-E	SIN CR C-C WIRE	POWER A-DC-DC 10A	
	130	QJJ015-043024-E	SIN CR C-C WIRE	POWER F-D-AMP CN10F	
	131	QJJ064-100600-E	SIN CR C-C WIRE	ANALOG S-D-AMP CN00S	
	132	QJJ009-150710-E	SIN CR C-C WIRE	ANALOG H-DC-DC H	
	133	WJZ0207-001A-E	E-HARNESS ASSY	SPEAKER	
△	201	SFL-6222A-U2	D-AMP PWB		
△	202	SFL0D263A-U2	DIGITAL PWB		LT-37R70SU,LT-37R70SUB,LT-37R70BU,LT-37R70BUB
△	202	LCA10599-92C	DIGITAL PWB		LT-37R70SUP,LT-37R70SUQ,LT-37R70BUP,LT-37R70BUQ
△	203	SFL-1246A-U2	ANALOG PWB		
△	204	SFL-9159A-U2	DC-DC PWB		
△	205	SFL-9047A-U2	MAIN POWER PWB		

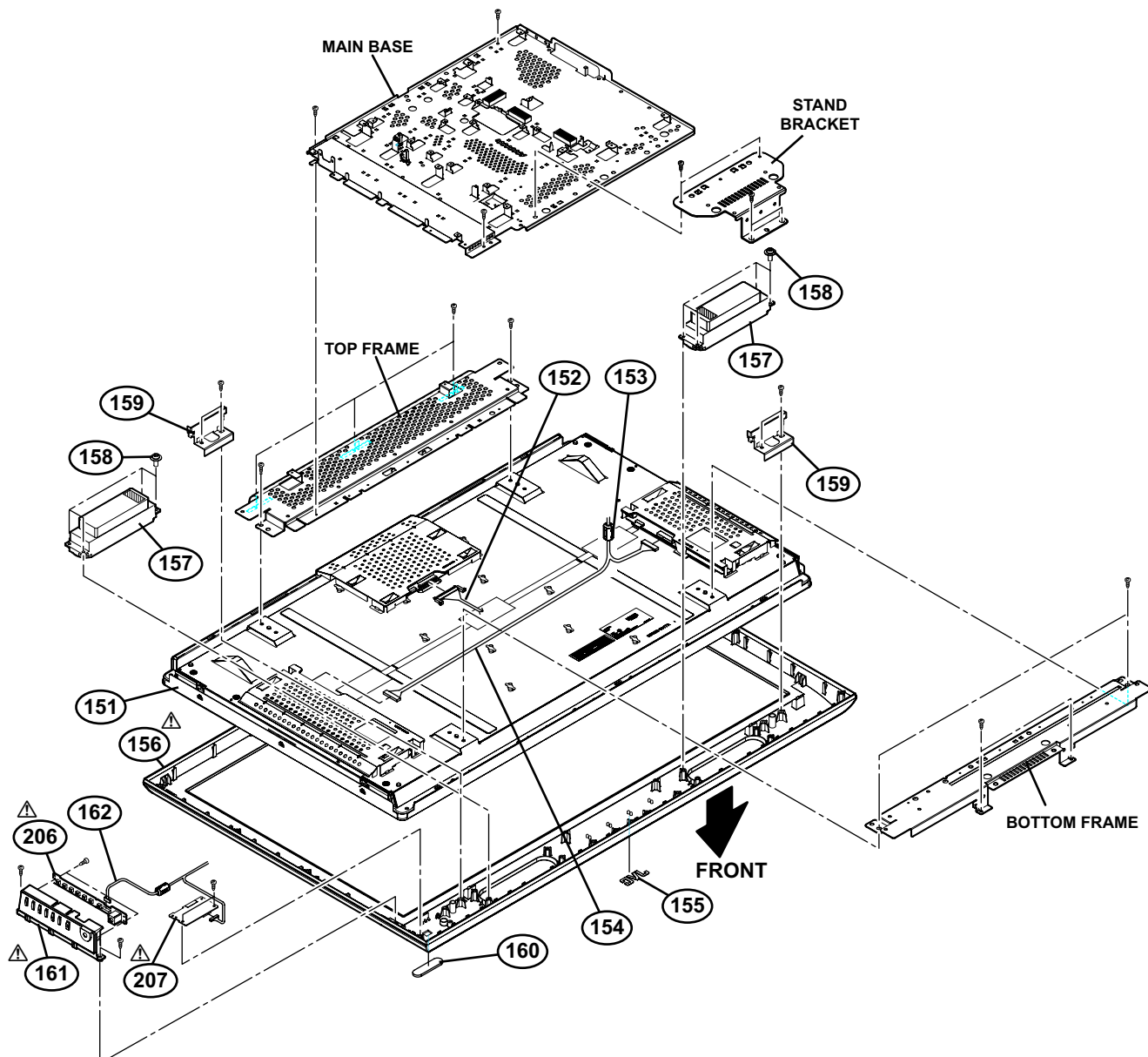
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

△	Ref.No.	Part No.	Part Name	Description	Local
	151	QLD0432-001-JUK	LCD PANEL UNIT		
	152	WJV0045-001A-E	E-TWISTED ASSY		
	153	QQR0491-001	FERRITE CORE		
	154	WJZ0208-001A-E	E-HARNESS ASSY		
	155	LC41852-001B	JVC MARK ASSY		
△	156	LC12670-002A-U	FRONT PANEL		LT-37R70BU,LT-37R70BUB,LT-37R70BUP,LT-37R70BUQ
△	156	LC12670-001A-U	FRONT PANEL		LT-37R70SU,LT-37R70SUB,LT-37R70SUP,LT-37R70SUQ
	157	QAS0447-001	SPEAKER	(x2)	
	158	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x8)	
	159	LC33556-001A-0K	SUPPORT BRACKET	(x2)	
	160	LC33452-004A	LED PLATE		LT-37R70BU,LT-37R70BUB,LT-37R70BUQ
	160	LC33452-002A	LED PLATE		LT-37R70BUP
	160	LC33452-001A	LED PLATE		LT-37R70SU,LT-37R70SUB,LT-37R70SUP,LT-37R70SUQ
△	161	LC33404-001A-HK	CONTROL ASSY		
	162	WJZ0224-001A-E	E-HARNESS ASSY		
△	206	SFL-7209A-U2	SW PWB		LT-37R70BU,LT-37R70BUB,LT-37R70BUQ,LT-37R70SU,LT-37R70SUB,LT-37R70SUQ
△	206	SFL-7206A-U2	SW PWB		LT-37R70BUP,LT-37R70SUP
△	207	SFL-8902A-U2	LED PWB		

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST [LT-37R70BU,LT-37R70BU/B,LT-37R70SU,LT-37R70SU/B]

ANALOG P.W. BOARD ASS'Y (SFL-1246A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC101	R2S11004FT	IC		
IC102	R2S11003FT	IC		
IC104	MM1510XN-X	IC		
IC105	MM1510XN-X	IC		
IC381	M62320FP-X	IC		
IC541	SN74LC1G3157K-X	IC		
IC601	NJW1182FP1	IC		
IC606	M62320FP-X	IC		
IC751	BH3547F-X	IC		
IC902	BA33BC0FP-X	IC		
IC3501	MSP3415GQGB8V3M	IC		
IC3503	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3505	NJU26901E2-W	IC		
IC3506	MC74VHC1GT125TX	IC		
IC3507	SN74LVC1G125V-X	IC		
IC3508	SN74LVC1G125V-X	IC		
IC3509	SN74LVC1G125V-X	IC		
IC3510	R1141Q251B-X	IC		
Q106	2SK1374-X	MOS FET		
Q107	2SK1374-X	MOS FET		
Q109	2SA1022/BC-/X	TRANSISTOR		
Q110	2SA1022/BC-/X	TRANSISTOR		
Q111	2SA1022/BC-/X	TRANSISTOR		
Q112	2SA1022/BC-/X	TRANSISTOR		
Q113	2SC1623A/5-6-/X	SI TRANSISTOR		
Q281	2SA812A/5-6-/X	SI TRANSISTOR		
Q431	UN2226-X	DIGI TRANSISTOR		
Q432	UN2226-X	DIGI TRANSISTOR		
Q433	UN2110-X	DIGI TRANSISTOR		
Q434	UN2226-X	DIGI TRANSISTOR		
Q435	UN2226-X	DIGI TRANSISTOR		
Q436	UN2110-X	DIGI TRANSISTOR		
Q437	UN2226-X	DIGI TRANSISTOR		
Q438	UN2226-X	DIGI TRANSISTOR		
Q439	UN2110-X	DIGI TRANSISTOR		
Q443	UN2212-X	DIGI TRANSISTOR		
Q444	2SC1623A/5-6-/X	SI TRANSISTOR		
Q445	2SC1623A/5-6-/X	SI TRANSISTOR		
Q609	2SC3928A/QR-/X	TRANSISTOR		
Q614	2SA1530A/QR-/X	TRANSISTOR		
Q621	2SA1530A/QR-/X	TRANSISTOR		
Q622	2SC3928A/QR-/X	TRANSISTOR		
Q751	2SA1530A/QR-/X	TRANSISTOR		
Q752	UN2226-X	DIGI TRANSISTOR		
Q3001	2SC1623A/5-6-/X	SI TRANSISTOR		
Q3502	2SC1623A/5-6-/X	SI TRANSISTOR		
Q3503	RT1N441C-X	TRANSISTOR		
D105	1SS355W-X	SI DIODE		
D281	1SS355W-X	SI DIODE		
D282	1SS355W-X	SI DIODE		
D283	1SS355W-X	SI DIODE		
D401	UDZS10B-X	Z DIODE		
D402	UDZS10B-X	Z DIODE		
D403	UDZS10B-X	Z DIODE		
D404	UDZS10B-X	Z DIODE		
D405	UDZS10B-X	Z DIODE		
D406	UDZS10B-X	Z DIODE		
D407	UDZS10B-X	Z DIODE		
D408	UDZS10B-X	Z DIODE		
D409	UDZS10B-X	Z DIODE		
D411	UDZS10B-X	Z DIODE		
D412	UDZS10B-X	Z DIODE		
D413	UDZS10B-X	Z DIODE		
D414	UDZS10B-X	Z DIODE		
D415	UDZS10B-X	Z DIODE		
D416	UDZS10B-X	Z DIODE		
D420	UDZS10B-X	Z DIODE		
D421	UDZS10B-X	Z DIODE		
D422	UDZS10B-X	Z DIODE		
D423	UDZS10B-X	Z DIODE		
D424	UDZS10B-X	Z DIODE		
D425	UDZS10B-X	Z DIODE		
D427	UDZS10B-X	Z DIODE		
D428	UDZS10B-X	Z DIODE		
D431	UDZS10B-X	Z DIODE		
D432	UDZS10B-X	Z DIODE		
D440	UDZS10B-X	Z DIODE		
D441	UDZS10B-X	Z DIODE		
D442	UDZS10B-X	Z DIODE		
D443	UDZS10B-X	Z DIODE		
D444	UDZS10B-X	Z DIODE		
D445	UDZS10B-X	Z DIODE		
D446	UDZS10B-X	Z DIODE		
D447	UDZS10B-X	Z DIODE		
D461	UDZS10B-X	Z DIODE		
D462	UDZS10B-X	Z DIODE		
D463	UDZS10B-X	Z DIODE		
D464	UDZS10B-X	Z DIODE		
D465	UDZS10B-X	Z DIODE		
D466	UDZS10B-X	Z DIODE		
D467	UDZS10B-X	Z DIODE		
D468	UDZS10B-X	Z DIODE		
D469	UDZS10B-X	Z DIODE		
D491	UDZW3.3B-X	Z DIODE		
D492	S9648	PHOTO CONDUCTOR		
D503	MA8033-X	Z DIODE		
D605	1SS355W-X	SI DIODE		
D606	1SS355W-X	SI DIODE		
D607	1SS355W-X	SI DIODE		
D608	1SS355W-X	SI DIODE		
D615	1SS355-X	SI DIODE		
D621	1SS355W-X	SI DIODE		
D622	1SS355W-X	SI DIODE		
D751	1SS355W-X	SI DIODE		
D752	1SS355W-X	SI DIODE		
C106	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
C107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C108	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C117	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C118	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C119	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C120	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C121	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C122	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C123	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C124	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C125	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C126	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C127	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C128	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C129	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C130	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C131	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C132	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C133	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C134	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C136	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C137	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C138	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C139	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C141	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C142	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C143	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C148	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C149	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C150	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C151	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C152	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C153	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C154	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C155	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C156	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C157	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C158	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C161	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C167	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C168	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C169	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C170	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C171	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C172	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C173	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C174	NDC31HJ-331X	C CAPACITOR	330pF 50V J	
C176	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C177	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C178	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C179	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C180	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C181	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C182	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C183	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C184	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C185	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C187	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C189	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C200	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C201	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C628	NCB31HK-123X	C CAPACITOR	0.012uF 50V K
C212	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C629	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C213	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C630	NCB21CK-184X	C CAPACITOR	0.18uF 16V K
C261	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C632	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C262	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C633	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C263	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C634	NCB31HK-822X	C CAPACITOR	8200pF 50V K
C264	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C635	NCB31HK-681X	C CAPACITOR	680pF 50V K
C281	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C636	NCB31HK-681X	C CAPACITOR	680pF 50V K
C291	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C638	NCB31EK-223X	C CAPACITOR	0.022uF 25V K
C292	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C639	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C293	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C640	NCB31CK-105X	C CAPACITOR	1uF 16V K
C381	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C641	NCB31CK-105X	C CAPACITOR	1uF 16V K
C382	NDC31HJ-680X	C CAPACITOR	68pF 50V J	C642	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C383	NCB31AK-105X	C CAPACITOR	1uF 10V K	C644	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C401	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C646	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C402	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C647	NCB31CK-105X	C CAPACITOR	1uF 16V K
C403	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C648	NCB31CK-105X	C CAPACITOR	1uF 16V K
C404	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C649	NCB31CK-105X	C CAPACITOR	1uF 16V K
C405	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C650	NCB31CK-105X	C CAPACITOR	1uF 16V K
C406	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C651	NCB31CK-105X	C CAPACITOR	1uF 16V K
C407	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C653	NCB31EK-223X	C CAPACITOR	0.022uF 25V K
C408	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C654	NCB31CK-473X	C CAPACITOR	0.047uF 16V K
C409	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C655	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C410	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C657	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C411	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C659	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M
C412	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C660	NCB31CK-105X	C CAPACITOR	1uF 16V K
C413	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C661	NCB31CK-105X	C CAPACITOR	1uF 16V K
C414	NCB11CK-105X	C CAPACITOR	1uF 16V K	C662	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
C415	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C663	NCB31CK-105X	C CAPACITOR	1uF 16V K
C416	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C664	NCB31CK-105X	C CAPACITOR	1uF 16V K
C417	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C665	NCB31CK-105X	C CAPACITOR	1uF 16V K
C418	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C666	NCB11AK-106X	C CAPACITOR	10uF 10V K
C419	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C667	NCB31CK-105X	C CAPACITOR	1uF 16V K
C420	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C668	NCB31CK-105X	C CAPACITOR	1uF 16V K
C421	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C669	NCB31CK-105X	C CAPACITOR	1uF 16V K
C422	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C670	NCB31CK-105X	C CAPACITOR	1uF 16V K
C424	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C710	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C425	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C716	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C426	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C717	NCB31AK-105X	C CAPACITOR	1uF 10V K
C427	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C751	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C428	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C752	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C429	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C753	NEHL0GM-227X	E CAPACITOR	220uF 4V M
C430	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C754	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C431	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C755	NEHL0GM-227X	E CAPACITOR	220uF 4V M
C432	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	C756	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C433	NCB11CK-105X	C CAPACITOR	1uF 16V K	C757	NEHL1HM-105X	E CAPACITOR	1uF 50V M
C440	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C758	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C441	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C759	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C442	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C760	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C443	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C761	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C444	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C904	NCB11AK-106X	C CAPACITOR	10uF 10V K
C445	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C905	NEHM1CM-476X	E CAPACITOR	47uF 16V M
C446	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C906	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C447	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M
C448	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
C449	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	C920	NEX50JM-156X	E CAPACITOR	15uF 6.3V M
C450	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	C3001	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C451	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	C3002	NEHL1CM-476X	E CAPACITOR	47uF 16V M
C452	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C453	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3004	NEX60JM-227X	E CAPACITOR	220uF 6.3V M
C454	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3005	NCB31HK-333X	C CAPACITOR	0.033uF 50V K
C455	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z
C456	NCB11CK-105X	C CAPACITOR	1uF 16V K	C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C457	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3009	NEHL1HM-106X	E CAPACITOR	10uF 50V M
C461	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C462	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C3011	NEHL1HM-106X	E CAPACITOR	10uF 50V M
C463	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C464	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3014	NEHL1HM-106X	E CAPACITOR	10uF 50V M
C465	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C466	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K
C468	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C469	NDC31HJ-101X	C CAPACITOR	100pF 50V J	C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C491	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C492	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C493	NEHL1CM-107X	E CAPACITOR	100uF 16V M	C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J
C494	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J
C533	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C555	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C3516	NEHL1AM-107X	E CAPACITOR	100uF 10V M
C576	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C577	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C578	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K
C579	NEHL1AM-107X	E CAPACITOR	100uF 10V M	C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C612	NEHL1CM-107X	E CAPACITOR	100uF 16V M	C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K
C614	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M	C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C615	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M	C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C616	NEHL1CM-476X	E CAPACITOR	47uF 16V M	C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C617	NEHL1CM-106X	E CAPACITOR	10uF 16V M	C3525	NEHL1CM-106X	E CAPACITOR	10uF 16V M
C623	NCB21CK-184X	C CAPACITOR	0.18uF 16V K	C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C624	NCB31HK-222X	C CAPACITOR	2200pF 50V K	C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C625	NCB31HK-183X	C CAPACITOR	0.018uF 50V K	C3528	NEHL1AM-107X	E CAPACITOR	100uF 10V M

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C3529	NEHL1CM-106X	E CAPACITOR	10uF 16V M	R246	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K	R247	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R248	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R249	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R250	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R251	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	R252	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K	R253	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R254	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K	R255	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K	R256	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3551	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R257	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3552	NCB31HK-222X	C CAPACITOR	2200pF 50V K	R259	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3553	NCB31HK-822X	C CAPACITOR	8200pF 50V K	R260	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C3554	NCB31HK-822X	C CAPACITOR	8200pF 50V K	R261	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
C3555	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	R262	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C3556	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	R263	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C3559	NEHL1AM-107X	E CAPACITOR	100uF 10V M	R264	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C3560	NEHL1CM-476X	E CAPACITOR	47uF 16V M	R265	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C3561	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R266	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C3564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R267	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C3571	NCB11AK-106X	C CAPACITOR	10uF 10V K	R275	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3572	NCB11AK-106X	C CAPACITOR	10uF 10V K	R276	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3573	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R277	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C3574	NCB11AK-106X	C CAPACITOR	10uF 10V K	R278	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R140	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R284	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J
R141	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R286	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R142	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R288	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R143	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R289	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R144	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R293	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R145	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R294	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R148	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R382	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R149	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R384	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R150	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R385	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R151	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R390	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R152	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R401	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R153	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R402	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R154	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R403	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R157	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R404	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R158	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R405	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R406	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R407	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R408	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R164	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R410	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R165	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R411	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R166	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R412	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R167	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R413	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R168	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R414	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R169	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R419	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R181	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R420	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J
R183	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	R421	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R184	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	R422	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R186	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R423	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R187	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R426	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R188	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R427	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R189	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R428	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R190	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R437	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R191	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R438	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R192	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R439	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R193	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R440	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R195	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R441	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R197	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R442	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R198	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R443	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R199	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R444	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R200	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R445	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R446	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R206	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R447	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R207	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R448	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
R216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R450	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R451	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R452	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R219	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R453	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R220	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R454	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R221	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R455	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R227	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R456	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J
R228	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R457	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R231	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	R458	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R232	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	R459	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R460	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R234	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R461	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R235	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R462	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R236	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R463	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R237	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R464	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R467	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J
R239	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R475	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R476	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
R242	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	R482	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R483	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R245	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R484	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J
				R485	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R486	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R3037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R487	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	R3038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R488	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R3039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R489	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R3040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R491	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	R3042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R521	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R522	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R534	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R535	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R536	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3511	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J
R538	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R555	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R560	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R588	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R591	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R592	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R595	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R596	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R597	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R598	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R621	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R3551	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R622	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	R3552	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J
R623	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R3553	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R624	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	R3554	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R625	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R3555	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R626	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R3556	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R634	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	R3557	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R635	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	R3558	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R636	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R3559	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R638	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3560	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J
R639	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R3561	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R640	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	R3562	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
R642	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	R3563	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R644	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	R3564	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R645	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3572	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R647	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	R3573	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R649	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	R3574	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R650	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	R3575	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
R651	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R652	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R3577	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R654	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	R3578	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R674	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3579	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R675	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3580	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R687	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R3581	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R688	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3582	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R689	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	R3583	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R690	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	R3584	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R694	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R3585	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
R695	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L101	NQL79GM-100X	COIL	10uH M
R696	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L902	NQL52EM-220X	COIL	22uH M
R700	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L903	NQR0562-010X	CHOKE COIL	
R701	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L906	NQL52EM-220X	COIL	22uH M
R702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L3001	NQL79GM-220X	COIL	22uH M
R703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L3002	NQL79GM-100X	COIL	10uH M
R704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L3003	NQL79GM-220X	COIL	22uH M
R718	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	L3502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R719	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	L3503	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R720	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	L3504	NQL79GM-4R7X	COIL	4.7uH M
R723	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L3506	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L3507	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R752	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	L3508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R755	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L3509	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R756	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	CN001	QGF0508C2-50W	CONNECTOR	FFC/FPC (1-50)
R757	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	CN002	QGF0508C2-40W	CONNECTOR	FFC/FPC (1-40)
R758	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	J401	QNZ0463-001	21P CONNECTOR	EXT-1
R759	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	J402	QNZ0463-001	21P CONNECTOR	EXT-2
R760	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	J403	QNZ0726-001	AV JACK	EXT-3
R761	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	J405	QNN0649-001	PIN JACK	AUDIO IN
R764	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	J406	QNN0650-001	PIN JACK	EXT-4
R765	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	J410	QNZ0561-001	D CONNECTOR	PC IN
R768	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	K3501	NQR0389-003X	FERRITE BEADS	
R769	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	K3502	NQR0389-003X	FERRITE BEADS	
R770	NQR0146-003X	FERRITE BEADS		LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z
R3002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	△TU3001	QAU0428-002	TUNER	
R3003	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	X3501	QAX0773-001Z	CRYSTAL	18.432000MHz
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J				
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J				
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J				
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3033	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R3036	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				

D-AMP P.W. BOARD ASS'Y (SFL-6222A-U2)

△Ref No.	Part No.	Part Name	Description Local
IC6201	PQ20WZ11-X	IC	
IC6501	LC4558D-X	IC	
IC6621	LM393DR-X	IC	
IC6661	TDA8928ST/N1	IC	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
Q6661	UN2112-X	DIGI TRANSISTOR			R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J	
Q6662	2SC3928A/QR-X	TRANSISTOR			R6625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
Q6663	UN212-X	DIGI TRANSISTOR			R6626	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
D6201	1SS355W-X	SI DIODE			R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
D6501	UDZW6.2B-X	Z DIODE			R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
D6663	UDZW3.3B-X	Z DIODE			R6630	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
D6664	1SS355W-X	SI DIODE			R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
D6671	UDZW20B-X	Z DIODE			R6632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
D6672	UDZW20B-X	Z DIODE			R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
D6673	UDZW20B-X	Z DIODE			R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
D6674	UDZW20B-X	Z DIODE			R6661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R6662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6202	NEHL1EM-336X	E CAPACITOR	33uF 25V M		R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
C6203	NEHL1EM-336X	E CAPACITOR	33uF 25V M		R6664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6204	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R6665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
C6205	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
C6501	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M		R6667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
C6502	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M		R6668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J	
C6503	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J	
C6504	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
C6505	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6506	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6507	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R6674	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C6508	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R6675	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6622	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C6623	NEHL1EM-226X	E CAPACITOR	22uF 25V M		L6661	NQLC8CM-560X	COIL	56uH M	
C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K		L6662	NQLC8CM-560X	COIL	56uH M	
C6625	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		K6601	NQR0499-002X	FERRITE BEADS		
C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K		K6602	NQR0499-002X	FERRITE BEADS		
C6627	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		K6661	NQR0499-002X	FERRITE BEADS		
C6628	NEHL1EM-226X	E CAPACITOR	22uF 25V M		K6662	NQR0499-002X	FERRITE BEADS		
C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K		K6663	NQR0499-002X	FERRITE BEADS		
C6630	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		K6664	NQR0499-002X	FERRITE BEADS		
C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K		TH6401	NAD0035-471X	P THERMISTOR	470Ω	
C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K		SW P.W. BOARD ASS'Y (SFL-7209A-U2)				
C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K		△Ref No.	Part No.	Part Name	Description	Local
C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K		D7011	MA8062/M-X	Z DIODE		
C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		C7011	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M		C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R7011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M		R7012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R7013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6668	NCB31HK-561X	C CAPACITOR	560pF 50V K		R7014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6669	QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J		R7015	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J		R7016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K		R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M		R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R7702	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M		R7703	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R7704	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C6676	NCB31HK-561X	C CAPACITOR	560pF 50V K		R7707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6677	NCB31HK-561X	C CAPACITOR	560pF 50V K		R7708	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6678	QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J		R7710	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J		R7711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K		L7001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C6681	NCB31HK-561X	C CAPACITOR	560pF 50V K		L7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		J7001	QNS0051-001	3.5 JACK	HEADPHONE	
C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		K7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		S7701	QSW0619-003Z	PUSH SWITCH	CH-	
C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M		S7702	QSW0619-003Z	PUSH SWITCH	CH+	
C6686	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		S7703	QSW0619-003Z	PUSH SWITCH	MENU/OK	
C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M		S7704	QSW0619-003Z	PUSH SWITCH	TV/AV	
R6201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		S7705	QSW0619-003Z	PUSH SWITCH	VOL+	
R6202	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		S7706	QSW0619-003Z	PUSH SWITCH	VOL-	
R6203	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		S7707	QSW0619-003Z	PUSH SWITCH	POWER	
R6204	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		IC8952	GP1UM261RKVF	IR DETECT UNIT		
R6205	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R6501	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J						
R6502	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R6503	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R6504	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J						
R6505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R6506	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R6507	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J						
R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J						
R6603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J						
R6607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						

△Ref No.	Part No.	Part Name	Description	Local
Q8905	RT1P440C-X	DIGI TRANSISTOR		
Q8909	RT1N241C-X	DIGITAL TR		
D8904	SEL5E20C-T	LED		POWER
D8910	MA8068-X	Z DIODE		
D8911	MA8068-X	Z DIODE		
C8952	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R8914	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R8917	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8923	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8924	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8955	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

MAIN POWER P.W. BOARD ASS'Y (SFL-9047A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC9201	MIP2C20MSSCF	IC		
IC9501	F9222L-F219	IC		
△IC9502	FA5500AN-W	IC		
△IC9551	UTCTL431-T	IC		
Q9001	2SC3928A/QR/-X	TRANSISTOR		
Q9002	2SC3928A/QR/-X	TRANSISTOR		
Q9501	2SK3522-01-F1	POWER MOS FET		
Q9502	2SC3928A/QR/-X	TRANSISTOR		
Q9503	2SC3928A/QR/-X	TRANSISTOR		
Q9504	UN2213-X	DIGI TRANSISTOR		
Q9505	UN2212-X	DIGI TRANSISTOR		
Q9506	UN2212-X	DIGI TRANSISTOR		
Q9507	2SB1188/QR/-W	TRANSISTOR		
Q9508	UN2212-X	DIGI TRANSISTOR		
Q9531	2SC3928A/QR/-X	TRANSISTOR		
Q9532	2SB1188/QR/-W	TRANSISTOR		
Q9533	UN2212-X	DIGI TRANSISTOR		
Q9534	UN2213-X	DIGI TRANSISTOR		
Q9535	UN2213-X	DIGI TRANSISTOR		
Q9536	2SA1530A/QR/-X	TRANSISTOR		
Q9537	2SA1530A/QR/-X	TRANSISTOR		
Q9551	UN2212-X	DIGI TRANSISTOR		
Q9552	UN2212-X	DIGI TRANSISTOR		
Q9553	2SC3928A/QR/-X	TRANSISTOR		
△D9001	TS25P05G-C2	BRIDGE DIODE		
D9002	1SS355W-X	SI DIODE		
D9003	1SS355W-X	SI DIODE		
D9203	EG01C-T2	SI DIODE		
D9204	RF101L2S-X	SI DIODE		
D9205	UTCTL431-T	IC		
D9206	EC21QS10-X	SB DIODE		
D9208	RF101L2S-X	SI DIODE		
D9212	EM1A-LFF4	SI DIODE		
D9213	EM1A-LFF4	SI DIODE		
D9214	EM1A-LFF4	SI DIODE		
D9215	MA8330/M/-X	Z DIODE		
D9216	MA8330/M/-X	Z DIODE		
D9501	YG972S6R	SI DIODE		
D9502	RF101L2S-X	SI DIODE		
D9503	1SS355W-X	SI DIODE		
D9504	1SS355W-X	SI DIODE		
D9505	RF101L2S-X	SI DIODE		
D9506	1SS355W-X	SI DIODE		
D9507	MA8100/M/-X	Z DIODE		
D9508	1SS355W-X	SI DIODE		
D9531	D1FS4-X	SB DIODE		
D9532	1SS355W-X	SI DIODE		
D9533	UDZS5.6B-X	Z DIODE	1.5kΩ 1/10W J	
D9534	SD883-04-X	SB DIODE		
D9535	PTZ27B-X	Z DIODE		
D9536	PTZ27B-X	Z DIODE		
D9537	1SS355-X	SI DIODE		
D9550	FCH20A10	SB DIODE		
D9551	FCH20A10	SB DIODE		
D9552	FCH20A10	SB DIODE		
D9553	FCH20A10	SB DIODE		
D9555	RU3YX-LFC4	SI DIODE		
D9556	RU3YX-LFC4	SI DIODE		
D9557	RF101L2S-X	SI DIODE		
D9558	RF101L2S-X	SI DIODE		
D9559	MA3100/H/-X	Z DIODE		
D9560	MA3100/H/-X	Z DIODE		
D9562	1SS355W-X	SI DIODE		
D9563	MA3100/H/-X	Z DIODE		
△C9001	QFZ9072-105	MM CAPACITOR	1uF AC250V K	

△Ref No.	Part No.	Part Name	Description	Local
△C9002	QFZ9072-105	MM CAPACITOR	1uF AC250V K	
△C9003	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
△C9004	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
△C9006	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
△C9007	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
△C9008	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
△C9009	QCZ9078-222	C CAPACITOR	2200pF AC250V M	
C9204	QEZ0709-106	E CAPACITOR	10uF 450V M	
C9205	QFP32JK-222	PP CAPACITOR	2200pF 630V K	
C9206	QEHR1HM-105Z	E CAPACITOR	1uF 50V M	
C9207	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9208	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
△C9209	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
C9210	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9211	QECR1VM-477Z	E CAPACITOR	470uF 35V M	
C9212	QEHR1AM-337Z	E CAPACITOR	330uF 10V M	
C9219	QEHR1VM-107Z	E CAPACITOR	100uF 35V M	
C9501	QEZ0650-227	E CAPACITOR	220uF 450V M	
C9502	QCZ0340-331	C CAPACITOR	330pF 2kV K	
C9503	QFZ0222-105	MM CAPACITOR	1uF 450V K	
C9504	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9505	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9506	NCB21EK-474X	C CAPACITOR	0.47uF 25V K	
C9507	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
C9508	QEHR1VM-476Z	E CAPACITOR	47uF 35V M	
C9509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9510	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9511	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9531	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C9532	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C9533	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C9534	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9535	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9536	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9537	NCB31HK-331X	C CAPACITOR	330pF 50V K	
C9538	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C9539	QEHR1HM-226Z	E CAPACITOR	22uF 50V M	
C9540	QFZ0230-393	MPP CAPACITOR	0.039uF	
C9541	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
△C9542	QCZ9071-102	C CAPACITOR	1000pF AC400V M	
C9551	QECQ1VM-128	E CAPACITOR	1200uF 35V M	
C9552	QECQ1VM-128	E CAPACITOR	1200uF 35V M	
C9553	QECQ1VM-128	E CAPACITOR	1200uF 35V M	
C9554	QECR1EM-687Z	E CAPACITOR	680uF 25V M	
C9555	QECR1EM-687Z	E CAPACITOR	680uF 25V M	
C9556	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C9557	QTNC1HM-106Z	E CAPACITOR	10uF 50V M	
C9558	QECR2AM-156Z	E CAPACITOR	15uF 100V M	
C9559	QEHR1HM-106Z	E CAPACITOR	10uF 50V M	
C9560	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
C9562	NCB11HK-104X	C CAPACITOR	0.1uF 50V K	
C9563	QEHR1HM-107Z	E CAPACITOR	100uF 50V M	
△R9001	QRZ0111-474	C RESISTOR	470kΩ 1/2W K	
R9002	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R9003	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9004	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R9005	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
△R9006	QRZ9061-8R2	FUSI RESISTOR	8.2Ω	
R9205	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K	
R9206	NRS12BJ-104W	MG RESISTOR	100kΩ 1/2W J	
R9207	QRE121J-101Y	C RESISTOR	100Ω 1/2W J	
R9208	NRSA63J-394X	MG RESISTOR	390kΩ 1/16W J	
R9209	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
△R9210	QRZ9046-685Z	C RESISTOR	6.8MΩ 1/2W K	
R9212	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R9213	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R9214	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9215	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9216	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R9217	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9219	QRE121J-220Y	C RESISTOR	22Ω 1/2W J	
R9230	NRS12BJ-104W	MG RESISTOR	100kΩ 1/2W J	
R9502	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9503	NRS181J-474X	MG RESISTOR	470kΩ 1/8W J	
R9504	NRS181J-474X	MG RESISTOR	470kΩ 1/8W J	
R9505	NRS181J-334X	MG RESISTOR	330kΩ 1/8W J	
R9506	NRSA63D-912X	MG RESISTOR	9.1kΩ 1/16W D	
R9507	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
R9508	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9509	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9510	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R9511	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	
R9512	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	
R9513	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J	
R9514	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D	
R9515	NRSA63D-224X	MG RESISTOR	220kΩ 1/16W D	
R9516	NRS181J-334X	MG RESISTOR	330kΩ 1/8W J	
R9517	NRS181J-334X	MG RESISTOR	330kΩ 1/8W J	
R9518	NRS181J-394X	MG RESISTOR	390kΩ 1/8W J	

△Ref No.	Part No.	Part Name	Description	Local
R9519	NRS181J-474X	MG RESISTOR	470kΩ 1/8W J	
R9520	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R9521	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9522	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9523	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9525	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9526	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J	
R9527	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9528	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R9529	NRS12BJ-101W	MG RESISTOR	100Ω 1/2W J	
R9530	NRS12BJ-220W	MG RESISTOR	22Ω 1/2W J	
R9531	QRE121J-105Y	C RESISTOR	1MΩ 1/2W J	
R9532	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9533	NRSA02J-180X	MG RESISTOR	18Ω 1/10W J	
R9534	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J	
R9535	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J	
R9536	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9537	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9538	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9539	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9540	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9541	QRT029J-1R0	MF RESISTOR	1Ω 2W J	
R9542	QRM059J-R22	MP RESISTOR	0.22Ω 5W J	
R9543	NRSA02J-562X	MG RESISTOR	5.6kΩ 1/10W J	
R9544	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9545	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R9547	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9548	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9549	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9551	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9552	QRK126J-222X	UNF C RESISTOR	2.2kΩ 1/2W J	
R9554	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9555	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
R9556	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D	
R9557	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D	
R9558	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J	
R9559	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R9560	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R9561	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R9562	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R9563	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9564	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9565	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J	
R9566	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J	
R9567	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9569	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9571	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9572	NRSA02J-562X	MG RESISTOR	5.6kΩ 1/10W J	
L9201	QQL26AM-5R6Z	CHOKE COIL	5.6uH M	
L9501	QQR1662-001	CHOKE COIL		
L9502	QQR1513-001	CHOKE COIL		
L9552	NQLC8CM-150X	COIL	15uH M	
L9553	NQL932K-101X	COIL	100uH K	
△T9201	QQS0381-001	SW TRANSF		
△T9501	QQS0347-002	SW TRANSF		
△T9502	QQS0347-002	SW TRANSF		
△CP9201	QMFZ052-2R0-E	FUSE	2A AC250V	
△CP9501	QMFZ043-2R0Z-J1	FUSE	2A AC250V	
△CP9551	QMFZ034-5R0Z-J1	FUSE	5A 125V	
△CP9552	QMFZ034-5R0Z-J1	FUSE	5A 125V	
△F9001	QMF5AD2-6R3-J1	FUSE	6.3A AC250V	
K9502	QQR0621-002Z	FERRITE BEADS		
K9503	QQR0621-002Z	FERRITE BEADS		
K9551	NQR0499-001X	FERRITE BEADS		
K9552	NQR0499-002X	FERRITE BEADS		
K9553	NQR0499-002X	FERRITE BEADS		
K9554	NQR0499-002X	FERRITE BEADS		
K9555	NQR0499-002X	FERRITE BEADS		
K9556	NQR0499-002X	FERRITE BEADS		
K9557	NQR0499-002X	FERRITE BEADS		
△LF9001	QQR1376-002	LINE FILTER		
△LF9002	QQR1281-005	LINE FILTER		
△LF9003	QQR1514-001	LINE FILTER		
△PC9202	PS2581AL2/QW/-W	PHOTO COUPLER		
△PC9501	PS2581AL2/QW/-W	PHOTO COUPLER		
△PC9502	PS2581AL2/QW/-W	PHOTO COUPLER		
△PC9503	PS2581AL2/QW/-W	PHOTO COUPLER		
△RY9001	QSK0162-001	RELAY		
△RY9002	QSK0162-001	RELAY		
△VA9001	QAF0060-621	VARIATOR	620V	

DC-DC P.W. BOARD ASS'Y (SFL-9159A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC9601	MP1593DN-X	IC		
IC9602	MP1593DN-X	IC		
IC9603	LM393DR-X	IC		
IC9801	MP1593DN-X	IC		
IC9851	BA09FP-X	IC	9V Regulator	
Q9601	2SC3928A/QR/-X	TRANSISTOR		
Q9601	2SC1623A/5-6/-X	SI TRANSISTOR		
Q9651	2SC3928A/QR/-X	TRANSISTOR		
Q9651	2SC1623A/5-6/-X	SI TRANSISTOR		
Q9801	2SC3928A/QR/-X	TRANSISTOR		
D9601	EC30HA04-X	SB DIODE		
D9602	1SS355W-X	SI DIODE		
D9602	MA111-X	SI DIODE		
D9603	UDZW3.0B-X	Z DIODE		
D9603	MA8030/H/-X	Z DIODE		
D9604	PTZ6.8B-X	Z DIODE		
D9605	EC30HA04-X	SB DIODE		
D9606	EC30HA04-X	SB DIODE		
D9652	EC30HA04-X	SB DIODE		
D9653	EC30HA04-X	SB DIODE		
D9654	PTZ16B-X	Z DIODE		
D9655	1SS355W-X	SI DIODE		
D9655	MA111-X	SI DIODE		
D9681	UDZW9.1B-X	Z DIODE		
D9682	1SS355W-X	SI DIODE		
D9682	MA111-X	SI DIODE		
D9801	EC30HA04-X	SB DIODE		
D9802	EC30HA04-X	SB DIODE		
D9803	1SS355W-X	SI DIODE		
D9803	MA111-X	SI DIODE		
C9601	NCJ41HK-335X-U	C CAPACITOR	3.3uF 50V K	
C9603	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9604	NCJ41CM-226X-M	C CAPACITOR	22uF 16V M	
C9604	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9605	NCJ41CM-226X-M	C CAPACITOR	22uF 16V M	
C9605	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9606	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9607	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9608	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9610	NEHM1HM-105X	E CAPACITOR	1uF 50V M	
C9651	NCJ41HK-335X-U	C CAPACITOR	3.3uF 50V K	
C9652	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9654	NCJ41EM-106X-M	C CAPACITOR	10uF 25V M	
C9654	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9655	NCJ41EM-106X-M	C CAPACITOR	10uF 25V M	
C9655	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9656	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9657	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C9658	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9660	NBZ0010-396X	SP E CAPACITOR	39uF 16V M	
C9681	NEHM1HM-105X	E CAPACITOR	1uF 50V M	
C9682	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9683	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9684	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9801	NCJ41HK-335X-U	C CAPACITOR	3.3uF 50V K	
C9802	NCJ41HK-335X-U	C CAPACITOR	3.3uF 50V K	
C9803	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9804	NCJ41EM-106X-M	C CAPACITOR	10uF 25V M	
C9804	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9805	NCJ41EM-106X-M	C CAPACITOR	10uF 25V M	
C9805	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C9809	NCB31EK-273X	C CAPACITOR	0.027uF 25V K	
C9851	NEHM1EM-336X	E CAPACITOR	33uF 25V M	
C9852	NEHM1EM-336X	E CAPACITOR	33uF 25V M	
R9601	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9602	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9603	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R9604	NRVA02D-473X	CMF RESISTOR	47kΩ 1/10W D	
R9605	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9606	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9607	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9608	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R9609	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9610	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R9651	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9652	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9653	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9654	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9655	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
R9656	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9657	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9658	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9659	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9660	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R9661	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	Q9502	2SC3928A/QR/-X	TRANSISTOR	
R9668	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	Q9503	2SC3928A/QR/-X	TRANSISTOR	
R9681	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J				
R9682	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	D6301	MA111-X	SI DIODE	
R9683	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	D6302	MA111-X	SI DIODE	
R9684	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	D6503	1SS355W-X	SI DIODE	
R9685	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D	D7032	1SS355W-X	SI DIODE	
R9686	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	D7301	RB501V-40-X	SB DIODE	
R9801	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	D9001	EC30HA03L-X	SB DIODE	
R9802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	D9002	EC30HA03L-X	SB DIODE	
R9803	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	D9003	PTZ3.9B-X	Z DIODE	
R9804	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	D9201	EC30HA03L-X	SB DIODE	
R9805	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	D9202	EC30HA03L-X	SB DIODE	
R9806	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	D9203	PTZ3.9B-X	Z DIODE	
R9807	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	D9204	1SS355W-X	SI DIODE	
R9808	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	D9501	1SS355W-X	SI DIODE	
R9809	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	D9502	1SS355W-X	SI DIODE	
R9852	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
R9924	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	C6002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
R9928	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	C6101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
				C6103	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
L9602	NQLC8CM-150X	COIL	15uH M	C6107	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
L9652	NQLC8CM-150X	COIL	15uH M	C6109	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
L9653	NQR0562-003X	CHOKE COIL		C6111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
L9802	NQLC8CM-150X	COIL	15uH M	C6112	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6113	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
				C6114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6116	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
				C6117	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
				C6118	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
				C6119	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
				C6121	NCB31AK-474X	C CAPACITOR	0.47uF 10V K
				C6122	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M
				C6123	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6124	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M
				C6125	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6126	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
				C6128	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
				C6130	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
				C6132	NEHL1EM-226X	E CAPACITOR	22uF 25V M
				C6133	NCB31CK-154X	C CAPACITOR	0.15uF 16V K
				C6134	NCB11AK-106X	C CAPACITOR	10uF 10V K
				C6135	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6139	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6217	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6218	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
				C6236	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6237	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6238	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6239	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6241	NCB11AK-106X	C CAPACITOR	10uF 10V K
				C6242	NCB31AK-105X	C CAPACITOR	1uF 10V K
				C6243	NCB11AK-106X	C CAPACITOR	10uF 10V K
				C6244	NCB31AK-105X	C CAPACITOR	1uF 10V K
				C6245	NCB11AK-106X	C CAPACITOR	10uF 10V K
				C6246	NCB31AK-105X	C CAPACITOR	1uF 10V K
				C6247	NCB11AK-106X	C CAPACITOR	10uF 10V K
				C6248	NCB31AK-105X	C CAPACITOR	1uF 10V K
				C6249	NCB31AK-105X	C CAPACITOR	1uF 10V K
				C6250	NCB11AK-106X	C CAPACITOR	10uF 10V K
				C6251	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6252	NCB11CK-105X	C CAPACITOR	1uF 16V K
				C6253	NCB11CK-105X	C CAPACITOR	1uF 16V K
				C6254	NCB11CK-105X	C CAPACITOR	1uF 16V K
				C6255	NCB11CK-105X	C CAPACITOR	1uF 16V K
				C6260	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
				C6261	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
				C6262	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
				C6263	NCB21AK-225X	C CAPACITOR	2.2uF 10V K
				C6264	NDC31HJ-100X	C CAPACITOR	10pF 50V J
				C6267	NDC31HJ-100X	C CAPACITOR	10pF 50V J
				C6268	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6270	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6271	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6272	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6273	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6274	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6276	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6277	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6278	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6279	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6280	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6282	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6283	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6284	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6285	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6286	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6288	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6289	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
				C6290	NCB31CK-104X	C CAPACITOR	0.1uF 16V K

DIGITAL P.W. BOARD ASS'Y (SFL0D263A-U2)

△Ref No.	Part No.	Part Name	Description Local
IC6001	JCC5060	IC	
IC6002	SN74LVC1G08V-X	IC	
IC6101	EDD1232AAFA-6B	IC	
IC6102	SC2595STRT-X	IC	
IC6250	UPC5702GS-027-X	IC	
IC6251	R1170H331B-X	IC	
IC6301	SN74AHCT1G08V-X	IC	
IC6302	SN74AHCT1G08V-X	IC	
IC6401	ISL98001CQZ-140	IC	
IC6402	R1170H331B-X	IC	
IC6502	THC63LVD83R-W	IC	
IC6724	S-80928CLNB-G-W	IC	
IC7033	CD74HC4094PW-X	IC	
IC7036	ADC081S021CIS-X	IC	
IC7038	SN74LVC2G17KE-X	IC	
IC7201	39VF800A7IEKD65	IC(MICRO C ROM)	
IC7203	M12L16161A-7TG	IC	
IC7204	S-80928CLNB-G-W	IC	
IC7205	SN74LV00APW-X	IC	
IC7301	SDA6000-B12	IC	
IC7302	MR27T1602F321TN	IC	
IC7303	K4S641632K-UC75	IC	
IC7304	CD74HC4053PW-X	IC	
IC7305	MM1689CH-X	IC	
IC7306	S-80928CLNB-G-W	IC	
IC7502	SN74LVC2G06K-X	IC	
IC7602	ATF32-37R70	IC	(SERVICE)
IC7606	MM1671XN-X	IC	
IC9001	MP2263DN-C053-X	IC	
IC9101	MM1662FT-X	IC	
IC9201	MP2263DN-C053-X	IC	
IC9301	MM1701CH-X	IC	
Q6202	2SA1530A/QR/-X	TRANSISTOR	
Q6203	2SA1022/BC/-X	TRANSISTOR	
Q6204	2SA1022/BC/-X	TRANSISTOR	
Q6205	2SA1022/BC/-X	TRANSISTOR	
Q6206	2SA1022/BC/-X	TRANSISTOR	
Q6211	2SC3837K/NP/-X	TRANSISTOR	
Q6212	2SC3837K/NP/-X	TRANSISTOR	
Q6213	2SC3837K/NP/-X	TRANSISTOR	
Q6214	2SC3837K/NP/-X	TRANSISTOR	
Q6250	2SC3928A/QR/-X	TRANSISTOR	
Q6251	2SC3928A/QR/-X	TRANSISTOR	
Q6301	2SA1530A/QR/-X	TRANSISTOR	
Q6302	HN1C01FY/-X	PAIR TRANSISTOR	
Q6303	2SA1530A/QR/-X	TRANSISTOR	
Q6304	HN1C01FY/-X	PAIR TRANSISTOR	
Q6501	2SC3928A/QR/-X	TRANSISTOR	
Q6502	2SC3928A/QR/-X	TRANSISTOR	
Q7032	UN2113-X	TRANSISTOR	
Q7033	UN2113-X	TRANSISTOR	
Q7034	UN2113-X	TRANSISTOR	
Q7035	UN2113-X	TRANSISTOR	
Q7201	2SC3928A/QR/-X	TRANSISTOR	
Q7301	2SC2412K/QR/-X	TRANSISTOR	
Q9501	UN2213-X	DIGI TRANSISTOR	

ΔRef No.	Part No.	Part Name	Description Local	ΔRef No.	Part No.	Part Name	Description Local
C6291	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6642	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6293	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6643	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6294	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C6644	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6295	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	C6645	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6296	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6646	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6297	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6656	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6303	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6657	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6306	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6658	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6308	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6659	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6311	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	C6660	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6312	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6661	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6402	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6671	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6403	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6672	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6406	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6673	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6409	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6677	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6410	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6678	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6411	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6679	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6412	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6680	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6413	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6681	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6414	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6682	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6415	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C6683	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6416	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6684	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6417	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6685	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6418	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C6686	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6419	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6687	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6420	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6688	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6422	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6689	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6423	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6690	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6424	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6691	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6425	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6692	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6428	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6693	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6429	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6694	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6430	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6695	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6431	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6696	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6432	NCB11AK-106X	C CAPACITOR	10uF 10V K	C6697	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6433	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6698	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6434	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6699	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6435	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6701	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C6436	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6723	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C6437	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6724	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6438	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	C6901	NBZ0007-107X	SP E CAPACITOR	100uF 4V M
C6439	NCF						

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C7068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7073	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9501	NCB31CK-105X	C CAPACITOR	1uF 16V K
C7202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9502	NCB31CK-105X	C CAPACITOR	1uF 16V K
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7204	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9617	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7205	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9619	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7208	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7211	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7212	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6009	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7213	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7215	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7302	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7303	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6101	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6102	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6104	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6105	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6106	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6107	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
C7314	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6108	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
C7315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6109	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7318	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6110	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7319	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7320	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6112	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6113	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6114	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7325	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6115	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7326	NDC31HJ-270X	C CAPACITOR	27pF 50V J	R6116	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7327	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R6117	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6118	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6119	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6120	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6121	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7333	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6122	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7334	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6127	NRSA63J-1R5X	MG RESISTOR	1.5Ω 1/16W J
C7335	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6141	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7338	NEHM1CM-106X	E CAPACITOR	10uF 16V M	R6143	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7340	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6201	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7341	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7342	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R6203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7343	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7344	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R6207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7345	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	R6208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7346	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6209	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6212	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7349	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R6214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7353	NCB31EK-682X	C CAPACITOR	6800pF 25V K	R6216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7502	NCB31AK-105X	C CAPACITOR	1uF 10V K	R6217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7506	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7507	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6230	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6231	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7510	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6232	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R6233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7514	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6235	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7515	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6236	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C7517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6238	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7601	NCB11CK-105X	C CAPACITOR	1uF 16V K	R6239	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C7620	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	R6241	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C7632	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	R6242	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C9001	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R6244	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J
C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R6245	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J
C9003	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	R6248	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D
C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R6252	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9006	NDC31HJ-120X	C CAPACITOR	12pF 50V J	R6253	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C9007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6254	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R6255	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9101	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	R6256	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9103	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	R6257	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C9201	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R6258	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	R6259	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6260	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R6261	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C9206	NDC31HJ-120X	C CAPACITOR	12pF 50V J	R6262	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J
C9207	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	R6263	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	R6264	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C9211	NCB31HK-473X	C CAPACITOR	0.047uF 50V K	R6265	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
C9302	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	R6266	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J
C9303	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6267	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
C9304	NCB11CK-475X	C CAPACITOR	4.7uF 16V K				

(No.YA406)3-17

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
R7201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R7601	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7202	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7203	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R7634	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J
R7207	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7635	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J
R7208	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7643	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7211	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R7658	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R8796	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7215	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R8797	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7217	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R8798	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7221	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R8799	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7223	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9001	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7224	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7225	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	R9003	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D
R7229	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9004	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J
R7230	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9005	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7231	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	R9006	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J
R7232	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	R9007	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7234	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	R9008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7235	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J
R7237	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7238	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9203	NRSA63D-302X	MG RESISTOR	3kΩ 1/16W D
R7241	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D
R7243	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	R9206	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J
R7302	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7303	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9209	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7304	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9302	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7305	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9308	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
R7309	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9501	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J
R7310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9502	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9503	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J
R7312	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	R9504	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7313	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	R9505	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7314	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9506	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7315	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9507	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9508	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J
R7317	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9509	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J
R7318	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	R9510	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J
R7319	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6001	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7320	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6002	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7321	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J	RA6007	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7322	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6008	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7324	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6009	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7325	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	RA6010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7327	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6014	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7330	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6101	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4
R7332	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6102	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J
R7333	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6103	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4
R7334	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6104	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4
R7335	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6105	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J
R7337	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6106	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4
R7339	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA6107	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J
R7340	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6108	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J
R7341	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6109	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4
R7342	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6110	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J
R7343	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6111	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4
R7346	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	RA6112	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4
R7348	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6113	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J
R7349	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6114	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4
R7350	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6115	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J
R7351	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6116	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J
R7352	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA6401	NRZ0080-330X	NET RESISTOR	33Ω 1/16W J
R7353	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA6402	NRZ0080-330X	NET RESISTOR	33Ω 1/16W J
R7354	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	RA6403	NRZ0080-330X	NET RESISTOR	33Ω 1/16W J
R7355	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	RA6531	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
R7356	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6541	NRZ0033-0R0W	NET RESISTOR	0Ω
R7358	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	RA6542	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7359	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6543	NRZ0033-0R0W	NET RESISTOR	0Ω
R7363	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA6544	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7364	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6545	NRZ0033-0R0W	NET RESISTOR	0Ω
R7365	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA6546	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J
R7366	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7202	NRZ0080-473X	NET RESISTOR	47kΩ
R7367	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	RA7203	NRZ0080-473X	NET RESISTOR	47kΩ
R7368	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA7204	NRZ0080-473X	NET RESISTOR	47kΩ
R7369	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	RA7205	NRZ0080-473X	NET RESISTOR	47kΩ
R7371	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	RA7503	NQR0271-004X	EMI FILTER	
R7372	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
R7501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6102	NQL79GM-220X	COIL	22uH M
R7512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6103	NQL79GM-220X	COIL	22uH M
R7513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6115	NQR0499-001X	FERRITE BEADS	
R7514	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6250	NQLB62J-120X	COIL	12uH J
R7515	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6253	NQLB62J-120X	COIL	12uH J
R7523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6254	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6265	NQR0499-001X	FERRITE BEADS	
R7525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6266	NQR0499-001X	FERRITE BEADS	
R7529	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	L6402	NQL79GM-100X	COIL	10uH M
R7530	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	L6403	NQL79GM-100X	COIL	10uH M
R7532	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J	L6404	NQL79GM-100X	COIL	10uH M
R7533	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
R7544	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	L6521	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4

△Ref No.	Part No.	Part Name	Description Local
L6522	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
L6523	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4
L6531	NQR0199-007X	FERRITE BEADS	
L6701	NQR0413-003X	FERRITE BEADS	
L6911	NQR0499-001X	FERRITE BEADS	
L6912	NQR0499-001X	FERRITE BEADS	
L6922	NQL79GM-220X	COIL	22uH M
L6923	NQL79GM-220X	COIL	22uH M
L6924	NQL79GM-220X	COIL	22uH M
L6925	NQL79GM-220X	COIL	22uH M
L6931	NQR0499-001X	FERRITE BEADS	
L7301	NQR0489-002X	FERRITE BEADS	
L7302	NQR0489-002X	FERRITE BEADS	
L7303	NQL092K-4R7X	COIL	4.7uH K
L7304	NQL092K-4R7X	COIL	4.7uH K
L7305	NQL092K-4R7X	COIL	4.7uH K
L7306	NQL092K-4R7X	COIL	4.7uH K
L7307	NQL092K-4R7X	COIL	4.7uH K
L7308	NQL092K-4R7X	COIL	4.7uH K
L7309	NQL092K-4R7X	COIL	4.7uH K
L7310	NQL092K-4R7X	COIL	4.7uH K
L7311	NQL092K-4R7X	COIL	4.7uH K
L7312	NQL092K-4R7X	COIL	4.7uH K
L7313	NQL092K-4R7X	COIL	4.7uH K
L7314	NQR0489-002X	FERRITE BEADS	
L7315	NQL092K-4R7X	COIL	4.7uH K
L7316	NQL092K-4R7X	COIL	4.7uH K
L7501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
L9001	NQLC8CM-150X	COIL	15uH M
L9201	NQLC8CM-150X	COIL	15uH M
CN001	QGF0508C2-50W	CONNECTOR	FFC/FPC (1-50)
CN002	QGF0508C2-40W	CONNECTOR	FFC/FPC (1-40)
J8501	NNZ0117-001	CONNECTOR	EXT-5(HDMI)
K6250	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6261	NQR0489-002X	FERRITE BEADS	
K6263	NQR0489-002X	FERRITE BEADS	
K6264	NQR0489-002X	FERRITE BEADS	
K6265	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6266	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6267	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6268	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6272	NQR0499-001X	FERRITE BEADS	
K6401	NQR0499-001X	FERRITE BEADS	
K6402	NQR0499-001X	FERRITE BEADS	
K6403	NQR0499-001X	FERRITE BEADS	
K6404	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6405	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K6921	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K7028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7030	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K7031	NQR0470-007X	EMI FILTER	2200pF 50V
K7032	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K7033	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K7034	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
K7202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
K7211	NQR0499-002X	FERRITE BEADS	
K7302	NQR0389-003X	FERRITE BEADS	
K7308	NRSA02J-390X	MG RESISTOR	39Ω 1/10W J
K7501	NQR0413-002X	FERRITE BEADS	
K7504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
LC6501	NQR0479-001X	EMI FILTER	
LC7505	NQR0483-005X	EMI FILTER	100uF 25V Z
LC9301	NQR0470-003X	EMI FILTER	100pF 50V
LC9303	NQR0483-005X	EMI FILTER	100uF 25V Z
LC9305	NQR0483-005X	EMI FILTER	100uF 25V Z
LC9306	NQR0483-005X	EMI FILTER	100uF 25V Z
LC9307	NQR0483-005X	EMI FILTER	100uF 25V Z
X6250	NAX0580-001X	CXO	27.0000MHz
X7001	NAX0669-001X	C RESONATOR	6.000MHz
X7309	NAX0618-001X	CRYSTAL	6.000MHz

PRINTED WIRING BOARD PARTS LIST [LT-37R70BU/P,LT-37R70SU/P]

ANALOG P.W. BOARD ASS'Y (SFL-1246A-U2)

REFER TO PARTS LIST IN PAGE 3-7 FOR THIS P.W. BOARD.

D-AMP P.W. BOARD ASS'Y (SFL-6222A-U2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

SW P.W. BOARD ASS'Y (SFL-7206A-U2)

△Ref No.	Part No.	Part Name	Description	Local
D7011	UDZW6.2B-X	Z DIODE		
C7011	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7012	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
R7011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7015	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R7703	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7704	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R7707	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7708	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7710	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L7001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
J7001	QNS0051-001	3.5 JACK	HEADPHONE	
K7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
S7701	QSW0619-003Z	PUSH SWITCH	CH-	
S7702	QSW0619-003Z	PUSH SWITCH	CH+	
S7703	QSW0619-003Z	PUSH SWITCH	MENU/OK	
S7704	QSW0619-003Z	PUSH SWITCH	TV/AV	
S7705	QSW0619-003Z	PUSH SWITCH	VOL+	
S7706	QSW0619-003Z	PUSH SWITCH	VOL-	
S7707	QSW0619-003Z	PUSH SWITCH	POWER	

LED P.W. BOARD ASS'Y (SFL-8902A-U2)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

MAIN POWER P.W. BOARD ASS'Y (SFL-9047A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

DC-DC P.W. BOARD ASS'Y (SFL-9159A-U2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

DIGITAL P.W. BOARD ASS'Y

(LCA10599-92C)(SFL0D263A-SJ)

△Ref No.	Part No.	Part Name	Description	Local
IC6001	JCC5060	IC		
IC6002	SN74LVC1G08V-X	IC		
IC6101	EDD1232Aafa-6B	IC		
IC6102	SC2595STRT-X	IC		
IC6250	UPC5702GS-027-X	IC		
IC6251	R1170H331B-X	IC		
IC6301	SN74AHCT1G08V-X	IC		
IC6302	SN74AHCT1G08V-X	IC		
IC6401	ISL98001CQZ-140	IC		
IC6402	R1170H331B-X	IC		
IC6502	THC63LVDm83R-W	IC		

△Ref No.	Part No.	Part Name	Description	Local
IC6724	S-80928CLNB-G-W	IC		
IC7033	CD74HC4094PW-X	IC		
IC7036	ADC081S021CIS-X	IC		
IC7038	SN74LVC2G17KE-X	IC		
IC7201	39VF800A7IEKD65	IC(MICRO C ROM)		
IC7203	M12L16161A-7TG	IC		
IC7204	S-80928CLNB-G-W	IC		
IC7205	SN74LV00APW-X	IC		
IC7301	SDA6000-B12	IC		
IC7302	MR27T1602F321TN	IC		
IC7303	K4S641632H-UC75	IC		
IC7304	CD74HC4053PW-X	IC		
IC7305	MM1689CH-X	IC		
IC7306	S-80928CLNB-G-W	IC		
IC7502	SN74LVC2G06K-X	IC		
IC7602	ATF32-37R70	IC		
IC7606	MM1671XN-X	IC		
IC9001	MP2263DN-C053-X	IC		
IC9101	MM1662FT-X	IC		
IC9201	MP2263DN-C053-X	IC		
IC9301	MM1701CH-X	IC		
Q6202	2SA1530A/QR/-X	TRANSISTOR		
Q6203	2SA1022/BC/-X	TRANSISTOR		
Q6204	2SA1022/BC/-X	TRANSISTOR		
Q6205	2SA1022/BC/-X	TRANSISTOR		
Q6206	2SA1022/BC/-X	TRANSISTOR		
Q6211	2SC3837K/NP/-X	TRANSISTOR		
Q6212	2SC3837K/NP/-X	TRANSISTOR		
Q6213	2SC3837K/NP/-X	TRANSISTOR		
Q6214	2SC3837K/NP/-X	TRANSISTOR		
Q6250	2SC3928A/QR/-X	TRANSISTOR		
Q6251	2SC3928A/QR/-X	TRANSISTOR		
Q6301	2SA1530A/QR/-X	TRANSISTOR		
Q6302	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q6303	2SA1530A/QR/-X	TRANSISTOR		
Q6304	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q6501	2SC3928A/QR/-X	TRANSISTOR		
Q6502	2SC3928A/QR/-X	TRANSISTOR		
Q7032	UN2113-X	TRANSISTOR		
Q7033	UN2113-X	TRANSISTOR		
Q7034	UN2113-X	TRANSISTOR		
Q7035	UN2113-X	TRANSISTOR		
Q7201	2SC3928A/QR/-X	TRANSISTOR		
Q7301	2SC2412K/QR/-X	TRANSISTOR		
Q9501	UN2213-X	DIGI TRANSISTOR		
Q9502	2SC3928A/QR/-X	TRANSISTOR		
Q9503	2SC3928A/QR/-X	TRANSISTOR		
D6301	MA111-X	SI DIODE		
D6302	MA111-X	SI DIODE		
D6503	1SS355W-X	SI DIODE		
D7032	1SS355W-X	SI DIODE		
D7301	RB501V-40-X	SB DIODE		
D9001	EC30HA03L-X	SB DIODE		
D9002	EC30HA03L-X	SB DIODE		
D9003	PTZ3.9B-X	Z DIODE		
D9201	EC30HA03L-X	SB DIODE		
D9202	EC30HA03L-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355W-X	SI DIODE		
D9501	1SS355W-X	SI DIODE		
D9502	1SS355W-X	SI DIODE		
C6002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C6103	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6107	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6109	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6112	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6113	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6116	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6117	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C6118	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6119	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6121	NCB31AK-474X	C CAPACITOR	0.47uF 10V K	
C6122	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C6123	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6124	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M	
C6125	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C6126	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C6128	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C6130	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C6132	NEHL1EM-226X	E CAPACITOR	22uF 25V M	
C6133	NCB31CK-154X	C CAPACITOR	0.15uF 16V K	

(No.YA406)3-21

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
C6902	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7331	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6903	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7333	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6904	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7334	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6905	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7335	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6906	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7338	NEHM1CM-106X	E CAPACITOR	10uF 16V M
C6907	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7340	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6908	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7341	NCB11AK-106X	C CAPACITOR	10uF 10V K
C6909	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7342	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C6910	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7343	NCB11AK-106X	C CAPACITOR	10uF 10V K
C6911	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7344	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C6912	NCB11AK-106X	C CAPACITOR	10uF 10V K	C7345	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K
C6913	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7346	NCB11AK-106X	C CAPACITOR	10uF 10V K
C6914	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7348	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6915	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7349	NCB31HK-102X	C CAPACITOR	1000pF 50V K
C6916	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7350	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C6917	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7353	NCB31EK-682X	C CAPACITOR	6800pF 25V K
C6918	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7502	NCB31AK-105X	C CAPACITOR	1uF 10V K
C6919	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7506	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6921	NCB11AK-106X	C CAPACITOR	10uF 10V K	C7507	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6922	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7508	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6923	NCB11AK-106X	C CAPACITOR	10uF 10V K	C7510	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6924	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K
C6925	NCB11AK-106X	C CAPACITOR	10uF 10V K	C7514	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6926	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7515	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6927	NCB11AK-106X	C CAPACITOR	10uF 10V K	C7517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C6928	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C7601	NCB11CK-105X	C CAPACITOR	1uF 16V K
C7030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7620	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z
C7031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C7632	NCB31AK-224X	C CAPACITOR	0.22uF 10V K
C7033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	C9001	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7039	NCB31HK-102X	C CAPACITOR	1000pF 50V K	C9002	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C7040	NCB11AK-106X	C CAPACITOR	10uF 10V K	C9003	NCB31EK-104X	C CAPACITOR	0.1uF 25V K
C7044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7051	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9005	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7052	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9006	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C7053	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9007	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7054	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9010	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7055	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9101	NCB11CK-475X	C CAPACITOR	4.7uF 16V K
C7056	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9103	NCB11CK-225X	C CAPACITOR	2.2uF 16V K
C7057	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9201	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C7058	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9202	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K
C7059	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7060	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7061	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9206	NDC31HJ-120X	C CAPACITOR	12pF 50V J
C7062	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9207	NCB31HK-153X	C CAPACITOR	0.015uF 50V K
C7063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9208	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K
C7064	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9211	NCB31HK-473X	C CAPACITOR	0.047uF 50V K
C7065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9302	NCB11CK-475X	C CAPACITOR	4.7uF 16V K
C7066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9303	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C7067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9304	NCB11CK-475X	C CAPACITOR	4.7uF 16V K
C7068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9306	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7073	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9501	NCB31CK-105X	C CAPACITOR	1uF 16V K
C7202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9502	NCB31CK-105X	C CAPACITOR	1uF 16V K
C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7204	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9617	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7205	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9619	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	C9621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z
C7207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K				
C7208	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R6002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7209	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	R6003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7211	NCB31HK-102X	C CAPACITOR	1000pF 50V K	R6006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7212	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7213	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	R6009	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	R6014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7215	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R6017	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7302	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7303	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6020	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7304	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6073	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7305	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6074	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7306	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6075	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7307	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6080	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
C7308	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6101	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7309	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6102	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7310	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6103	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7311	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6104	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7312	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6105	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7313	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6106	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7314	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6107	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
C7315	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6108	NRSA63J-100X	MG RESISTOR	10Ω 1/16W J
C7318	NCB11AK-106X	C CAPACITOR	10uF 10V K	R6109	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7319	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6110	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7320	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6111	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J
C7321	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6112	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7324	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6113	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7325	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	R6114	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7326	NDC31HJ-270X	C CAPACITOR	27pF 50V J	R6115	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7327	NDC31HJ-330X	C CAPACITOR	33pF 50V J	R6116	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7328	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6117	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7329	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6118	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J
C7330	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	R6119	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J

3-24(No.YA406)

△Ref No.	Part No.	Part Name	Description Local	△Ref No.	Part No.	Part Name	Description Local
RA6010	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	K6268	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6014	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	K6272	NQR0499-001X	FERRITE BEADS	
RA6101	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	K6401	NQR0499-001X	FERRITE BEADS	
RA6102	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J	K6402	NQR0499-001X	FERRITE BEADS	
RA6103	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	K6403	NQR0499-001X	FERRITE BEADS	
RA6104	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	K6404	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6105	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J	K6405	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6106	NRZ0040-220X	NET RESISTOR	22Ω 1/16W J x4	K6921	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6107	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J	K7028	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6108	NRZ0080-220X	NET RESISTOR	22Ω 1/16W J	K7030	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6109	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	K7031	NQR0470-007X	EMI FILTER	2200pF 50V
RA6110	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J	K7032	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6111	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	K7033	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6112	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	K7034	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J
RA6113	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J	K7202	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6114	NRZ0040-470X	NET RESISTOR	47Ω 1/16W J x4	K7211	NQR0499-002X	FERRITE BEADS	
RA6115	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J	K7302	NQR0389-003X	FERRITE BEADS	
RA6116	NRZ0080-470X	NET RESISTOR	47Ω 1/16W J	K7308	NRSA02J-390X	MG RESISTOR	39Ω 1/10W J
RA6401	NRZ0080-330X	NET RESISTOR	33Ω 1/16W J	K7501	NQR0413-002X	FERRITE BEADS	
RA6402	NRZ0080-330X	NET RESISTOR	33Ω 1/16W J	K7504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J
RA6403	NRZ0080-330X	NET RESISTOR	33Ω 1/16W J	LC6501	NQR0479-001X	EMI FILTER	
RA6531	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	LC7505	NQR0483-005X	EMI FILTER	100uF 25V Z
RA6541	NRZ0033-0R0W	NET RESISTOR	0Ω	LC9301	NQR0470-003X	EMI FILTER	100pF 50V
RA6542	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	LC9303	NQR0483-005X	EMI FILTER	100uF 25V Z
RA6543	NRZ0033-0R0W	NET RESISTOR	0Ω	LC9305	NQR0483-005X	EMI FILTER	100uF 25V Z
RA6544	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	LC9306	NQR0483-005X	EMI FILTER	100uF 25V Z
RA6545	NRZ0033-0R0W	NET RESISTOR	0Ω	LC9307	NQR0483-005X	EMI FILTER	100uF 25V Z
RA6546	NRZ0080-0R0X	NET RESISTOR	0Ω 1/16W J	X6250	NAX0580-001X	CXO	27.0000MHz
RA7202	NRZ0080-473X	NET RESISTOR	47kΩ	X7001	NAX0669-001X	C RESONATOR	6.000MHz
RA7203	NRZ0080-473X	NET RESISTOR	47kΩ	X7309	NAX0618-001X	CRYSTAL	6.000MHz
RA7204	NRZ0080-473X	NET RESISTOR	47kΩ				
RA7205	NRZ0080-473X	NET RESISTOR	47kΩ				
RA7503	NQR0271-004X	EMI FILTER					
L6101	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L6102	NQL79GM-220X	COIL	22uH M				
L6103	NQL79GM-220X	COIL	22uH M				
L6115	NQR0499-001X	FERRITE BEADS					
L6250	NQLB62J-120X	COIL	12uH J				
L6253	NQLB62J-120X	COIL	12uH J				
L6254	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L6265	NQR0499-001X	FERRITE BEADS					
L6266	NQR0499-001X	FERRITE BEADS					
L6402	NQL79GM-100X	COIL	10uH M				
L6403	NQL79GM-100X	COIL	10uH M				
L6404	NQL79GM-100X	COIL	10uH M				
L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
L6521	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4				
L6522	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4				
L6523	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4				
L6531	NQR0199-007X	FERRITE BEADS					
L6701	NQR0413-003X	FERRITE BEADS					
L6911	NQR0499-001X	FERRITE BEADS					
L6912	NQR0499-001X	FERRITE BEADS					
L6922	NQL79GM-220X	COIL	22uH M				
L6923	NQL79GM-220X	COIL	22uH M				
L6924	NQL79GM-220X	COIL	22uH M				
L6925	NQL79GM-220X	COIL	22uH M				
L6931	NQR0499-001X	FERRITE BEADS					
L7301	NQR0489-002X	FERRITE BEADS					
L7302	NQR0489-002X	FERRITE BEADS					
L7303	NQL092K-4R7X	P COIL	4.7uH K				
L7304	NQL092K-4R7X	P COIL	4.7uH K				
L7305	NQL092K-4R7X	P COIL	4.7uH K				
L7306	NQL092K-4R7X	P COIL	4.7uH K				
L7307	NQL092K-4R7X	P COIL	4.7uH K				
L7308	NQL092K-4R7X	P COIL	4.7uH K				
L7309	NQL092K-4R7X	P COIL	4.7uH K				
L7310	NQL092K-4R7X	P COIL	4.7uH K				
L7311	NQL092K-4R7X	P COIL	4.7uH K				
L7312	NQL092K-4R7X	P COIL	4.7uH K				
L7313	NQL092K-4R7X	P COIL	4.7uH K				
L7314	NQR0489-002X	FERRITE BEADS					
L7315	NQL092K-4R7X	P COIL	4.7uH K				
L7316	NQL092K-4R7X	P COIL	4.7uH K				
L7501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J				
L9001	NQLC8CM-150X	COIL	15uH M				
L9201	NQLC8CM-150X	COIL	15uH M				
CN001	QGF0508C2-50W	CONNECTOR	FFC/FPC (1-50)				
CN002	QGF0508C2-40W	CONNECTOR	FFC/FPC (1-40)				
J8501	NNZ0117-001	CONNECTOR	EXT-5(HDMI)				
K6250	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
K6261	NQR0489-002X	FERRITE BEADS					
K6263	NQR0489-002X	FERRITE BEADS					
K6264	NQR0489-002X	FERRITE BEADS					
K6265	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
K6266	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				
K6267	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J				

PRINTED WIRING BOARD PARTS LIST [LT-37R70BU/Q,LT-37R70SU/Q]

ANALOG P.W. BOARD ASS'Y (SFL-1246A-U2)

REFER TO PARTS LIST IN PAGE 3-7 FOR THIS P.W. BOARD.

MAIN POWER P.W. BOARD ASS'Y (SFL-9047A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

D-AMP P.W. BOARD ASS'Y (SFL-6222A-U2)

REFER TO PARTS LIST IN PAGE 3-10 FOR THIS P.W. BOARD.

DC-DC P.W. BOARD ASS'Y (SFL-9159A-U2)

REFER TO PARTS LIST IN PAGE 3-13 FOR THIS P.W. BOARD.

SW P.W. BOARD ASS'Y (SFL-7209A-U2)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

DIGITAL P.W. BOARD ASS'Y (LCA10599-92C)(SFL0D263A-SJ)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

LED P.W. BOARD ASS'Y (SFL-8902A-U2)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C1900S-1C)

△	Ref.No.	Part No.	Part Name	Description	Local
	001	10032-0023000	BATTERY COVER		

PACKING PARTS LIST

△	Ref.No.	Part No.	Part Name	Description	Local
	001	GA10002-084A-U	PACKING CASE		
	002	GA10142-053A-U	EURO LABEL		LT-37R70SU
	002	GA10142-054A-U	EURO LABEL		LT-37R70SUB
	002	GA10142-065B-U	EURO LABEL		LT-37R70SUP
	002	GA10142-066B-U	EURO LABEL		LT-37R70SUQ
	002	GA10142-055A-U	EURO LABEL		LT-37R70BU
	002	GA10142-056A-U	EURO LABEL		LT-37R70BUB
	002	GA10142-067B-U	EURO LABEL		LT-37R70BUP
	002	GA10142-068B-U	EURO LABEL		LT-37R70BUQ
	003	GA10169-003A-U	CUSHION ASSY	4pcs in 1set	
	004	GA10026-003A-U	FORM BAG		
	005	-----	BATTERY	AAA/R03(x2)	
	006	RM-C1900S-1C	REMOCON UNIT		
	007	GA30007-001A-U	DOCUMENT BAGS		
	008	LCT1504-001A-U	CAUTION SHEET		
	009	-----	WARRANTY CARD	BT-54027-1E	
△	010	LCT2091-001A-U	INST BOOK	English/French/German/Dutch/Spanish/Italian/Portuguese	
	011	LCT2123-001A-U	CABLE SHEET		
	012	GA30007-001A-U	DOCUMENT BAGS		LT-37R70SU,LT-37R70SUP,LT-37R70BU,LT-37R70BUP
△	013	LCT2092-001A-U	INST BOOK	Swedish/Norwegian/Finn/Danish	LT-37R70SU,LT-37R70SUP,LT-37R70BU,LT-37R70BUP
△	014	LCT2093-001A-U	INST BOOK	Russian/Czech/Polish/Hungarian/Romanian/Bulgarian	LT-37R70SU,LT-37R70SUP,LT-37R70BU,LT-37R70BUP

PACKING

